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The CHEMIST AND DRUGGIST

or RETAILER - WHOLESALE - MANUFACTURER

Founded 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

444
LV

FEBRUARY 9, 1946

Annual Subscription (with
Daily) 25/- Single copies 9d.

SULPHADIAZINE—M & B & SULPHADIAZINE SODIUM—M & B

Extensive clinical use has proved sulphadiazine to be one of the most useful of the heterocyclic derivatives of sulphanilamide. It is more than usually free from cerebral effects (gastric upset and mental depression), and sensitisation is less common than with sulphathiazole. As with most drugs of the type, adequate precautions must be taken against renal damage. Details of these precautions and information on the pharmacology and other aspects of this drug are contained in a booklet which will be sent on request.

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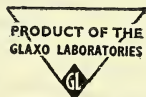
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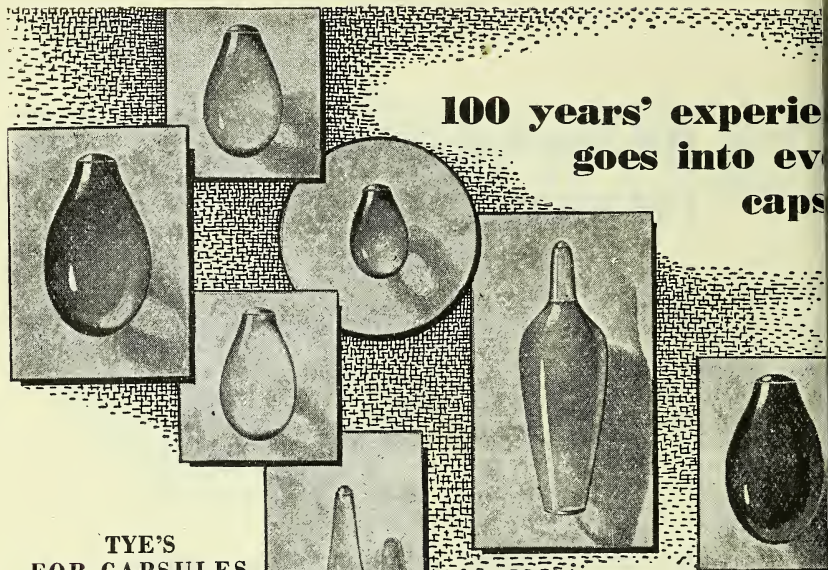
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Halibut Oil

Window Displays

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CAPSULES

Obtainable from your regular Wholesaler

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15/9 per dozen
less 5% and
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NEXT TO ADVERTISERS

Products	24
Pill & Tablet Co., Ltd.	xx
Ltd.	16
Supply Co.	15
G. C. & Co., Ltd.	Leader Page
Stafford, & Sons, Ltd.	20
on & Reeve, Ltd.	xx
French Drug Co., Ltd.	24
R., & Son, Ltd.	xiii
Chemical Industries, Ltd.	xx
& Foster, Ltd.	15
Clark & Co., Ltd.	vii
Arthur, Ltd.	10
ell, Hayes & Co., Ltd.	iii
Astley & Co., Ltd.	9
Roberts, A., & Co., Ltd.	Leader Page
& Martin, Ltd.	vi
Ltd.	16
Cod Liver Oils (Hull & Grimsby), Ltd.	ii
Dental Sticks, Ltd.	12
Drug Houses, Ltd., The	i
Felsol Co., Ltd.	Cover iv
Warren & Ridgley, Ltd.	26
th, James, Ltd.	Leader Page
ths Wellcome & Co.	27
F. C., & Co., Ltd.	4
H. W., & Co., Ltd.	11
ght, W. B., Ltd.	6
Huskisson, Ltd.	iv
Ltd.	4
Plastics, Ltd.	xi
Laboratories	10
ntal Laboratories, Ltd.	22
on & Co., Ltd.	Leader Page

Cox, Arthur H., & Co., Ltd.	8
Crookes Laboratories (British Colloids, Ltd.)	3
Cyclo Chemicals, Ltd.	xvi
Dae Health Laboratories, Ltd.	xxi
Dales Aspirin Co.	9
Daniel, Richard, & Son, Ltd.	9
Delf, W. M., & Co.	15
Demuth, R., & Co., Ltd.	26
Dengerm, Ltd.	9
Dominion Steel Corporation, Ltd.	Leader Page
E.N.T. Manufacturing Co., Ltd.	9
Elmbalm Pharmaceutical Specialities Co.	12
Evans, Gadd & Co., Ltd.	v
Everett, S. & R. J., & Co., Ltd.	xvi
Fennings, A.	Leader Page
Ferris & Co., Ltd.	vi
Field, C. W., Ltd.	ii
Findon Publications	Leader Page
Fink, F., & Co.	viii
Franks A., & Bartlett Co. Ltd.	xx
Freudentheil, Smith & Co.	Leader Page
Fryer & Co. (Nelson), Ltd.	26
Gale, Baiss & Co., Ltd.	vi
Glaxo Laboratories, Ltd.	1
Gordon & Gotch, Ltd.	xvii
Goya	xx
Griffiths Hughes, E., Ltd.	14
Hall, Forster & Co., Ltd.	16
Hampshire, F. W., & Co., Ltd.	13
Harris, Hart & Co., Ltd.	iii
Harrison, A., & Sons, Ltd.	4
Harwoods Laboratories, Ltd.	5
Herts. Pharmaceutical, Ltd.	xiv
Heward, R. H., Co.	xiv
Hobson, Trimble & Co., Ltd.	xvii

(continued overleaf)



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SEROCALCIN

FOR THE PREVENTION & TREATMENT OF
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The demand for
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INDEX—(contd.)

Home Health Services, Ltd.	4	Phosferine (Ashton & Parsons), Ltd.	
Howard, Lloyd & Co., Ltd.	iv	Pierson Morrell & Co., Ltd.	
Hunter Beattie Products	iv	Pinauds, Ltd.	
Hurtley, F., Ltd.	viii	Portland Plastics, Ltd.	
Ingram, J. G., & Son, Ltd.	xiii	Potter & Clarke, Ltd.	
Jeffreys, Miller & Co., Ltd.	12	Prideaux Milk Foods, Ltd.	
Johnson & Johnson (G.B.), Ltd.	xxii	Reed Bros. (Engineering) Ltd.	
Johnson & Sons, Manufacturing Chemists, Ltd.	iii	Rendell, W. J., Ltd.	
Kearsley, C. & G., Ltd.	9	Richter, Gedeon, (Great Britain), Ltd.	
Kemball, Bishop & Co., Ltd.	18	Rose, J. L., Ltd.	
Kemsales, Ltd.	10	Sale, Tilney & Co., Ltd.	
Kenrosa, Ltd.	xxii	San-Mex, Ltd.	
Kerfoot, T., & Co., Ltd.	28	Scholl Manufacturing Co., Ltd.	
Kershaw-Soho (Sales) Ltd.	xv	Sessions, W., Ltd.	
Knox, John, Ltd.	26	Sigal, S., & Co., Ltd.	
Lawrence, Geo. H., Ltd.	10	Simpson, J. W., (Chemist), Ltd.	
Lax & Shaw, Ltd.	ix	Smith, T. J., & Nephew, Ltd.	
Lennard Lee-Narvill & Co.	xvii	Soft Drinks Industry	
Lewis Laboratories	14	Sorbo, Ltd.	
Lusty's Natural Products	Leader Page	Splendor, Ltd.	26.
Macpherson Train & Co., Ltd.	xvii	Stretch, Wilfred, & Co., Ltd.	
Macquillage et Cie	15	Sumner, R., & Co., Ltd.	
Manesty Machines, Ltd.	23	Surgical Hosiery Co., Ltd.	
Marns, T.	12	Tampax, Ltd.	
Marshall's	xvii	Town Talk Polish Co.	
Monsanto Chemicals, Ltd.	Cover ii	Tye, John, & Son	
Napp, H. R., Ltd.	Leader Page	Tyrer, T., & Co., Ltd.	
National Association of Opticians	Leader Page	United Glass Bottle Manufacturers, Ltd.	
Newball & Mason, Ltd.	viii	Wander, A., Ltd.	
Palestine Potash, Ltd.	v	Waymark, D.	
Perken, Son & Co., Ltd.	xviii	Westminster Laboratories, Ltd.	
Pharmaceutical Specialities (May & Baker), Ltd.	Front Cover	Wilcox, Jozeau & Co., Ltd.	
		Wilson & Mansfield, Ltd.	
		Winox	
		Woolf, Lewis, Ltd.	
		Zeal, G. H., Ltd.	

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75 Tablets retail 3s. 4d. including tax.

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Every 'COX' manufacture reaches the highest standard obtainable by modern laboratory control

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Tins	3/4½	27/-	4/6
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EVER INCREASING DEMAND

Ki-uma Ointment for the relief of

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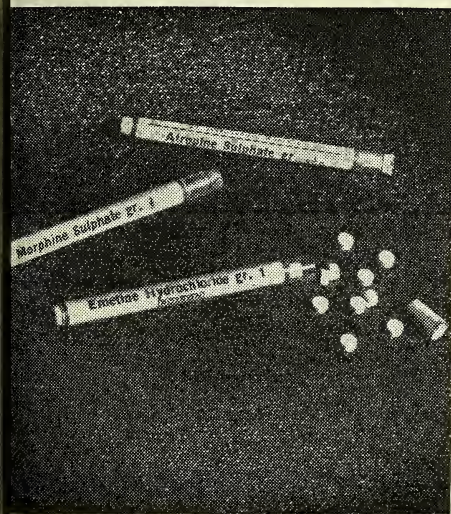
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PATA.

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PENN, BUCKS.

TELEPHONE: PENN 3137

Where precision is imperative . . .



In his surgery, hospital ward or in the field, the clinician demands accuracy of dosage and purity of drug. All our hypodermic tablets are manufactured with the utmost precision and complete reliance can be placed on our extensive range.



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thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased.

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1/3 Inc Tax

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SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

3d. BOX PROFIT by ordering 1 dozen 2/10 size.
Bonus box given on every dozen (13). It pays to push this size.

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A profitable line—
always in demand

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Manufactured by

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SHEFFIELD, 3, Eng.

Enquiries to Sales Manager



Babies love it!

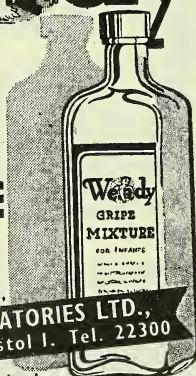
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**GRIPE
MIXTURE**

Apply for terms to Sole Mfrs.,

COLLEGE LABORATORIES LTD.,
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Dr White's

**SANITARY
TOWELS**

Made by Specialists
in

Surgical Dressings

Supplies unavoidably restricted at present

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'A tin of
BESORBON, please

'People say
BESORBON is

Do you stop
BESORBON

'I've heard
BESORBON
is excellent
for Colds



The demand for **BESORBON** medicine increases during the winter, and a display counter is a further reminder. Order by the so as to obtain this attractive counter display. Obtainable through all registered Wholesale Chemists.

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JUNO - JUNIPAH

The Woman's Own Health Salts

ELMBALM Brand 
SPECIALITIES

- In steady demand
- Stocks available
- Dont miss Sales

For Special Terms write: Elmbalm Pharmaceutical Specialities Co., Knott-End-on-Sea, Lancs.

BE63

All types of High Class machinery for fine chemical, cosmetic and similar trades, including laboratory equipment.

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MALT FOOD

With Vitamins (A. 6,500 I.U., D. 400 I.U.)
per fl. oz.

A Family Friend in millions of homes

There's always a need for Zubes
Cure for some member of the family
when cold and damp days come along. Pleasant
taste—a great favourite with the children—
results are both effective and speedy.
That means consistent repeat sales all through
winter—and the spring too, if bad weather
and colds linger on. Don't miss your
share of the big profits that Zubes Cough
Cure brings. Strong advertising, week
after week, all through the season, will
keep the demand high.



ZUBES COUGH CURE

Retailing at **1/3d.** and **2/5d.**

made by
F. W. HAMPSHIRE & Co. Ltd.
Manufacturing Chemists
DERBY
(Makers of the famous Zubes)

When your Customer asks for

'Something to clear this NASAL CONGESTION'

Here is your safe, certain, answer

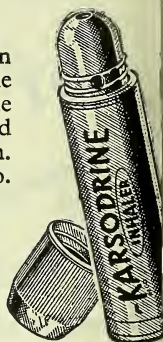
In cases of Nasal congestion here is a remedy you can recommend without fear of failure. Offer a Karsodrine Pocket Inhaler (containing amphetamine). Karsodrine affords an instant and prolonged contraction of congested nasal mucosa combined with a soothing analgesic action. Karsodrine's ONE-CAP inhaler is a useful selling point, too.

KARSODRINE

The Vasoconstrictor Inhaler with ONE cap

Karsodrine retails at 1/6 (inc. tax) and yields up to 5/2d. per dozen profit even on small quantities when ordered with other 'Griffiths Hughes' lines from E. Griffiths Hughes Ltd., Adelphi, Salford 3, Manchester.

P.A.T.A.



INTRODUCING THE NEW "LEWLAB" HAND INHALER

(complete with nose piece)

for the treatment of Asthma with ASMA-VYDRIN

Hand Inhaler as
illustrated
Price 30/-

Pocket Inhaler
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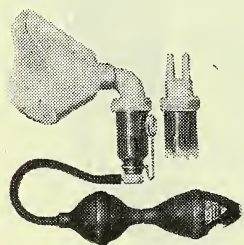
ASMA-VYDRIN

½ oz. 7/6

P.T. 10d. 8/4

1 oz. 13/6

P.T. 1/6 15/-



ASMA-VYDRIN gives the best results, is widely recommended by the medical profession and shows handsome profits to chemists.

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VITAMIN TONIC

IS NOW ALSO ISSUED
IN THE FORM OF

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Bottles of 30 and 100

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FINE SOLUBLE ESSENCES

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ESSENTIAL OILS

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Essence Distillers since 1895

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Some lines not yet available owing to war-time regulations.

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FOR IMMEDIATE DELIVERY
(Carriage Paid)

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Maximum quantity 10 gross.

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HYPODERMIC NEEDLES AND SYRINGES
WATERPROOF SHEETINGS
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Personal attention given to all "Specials"

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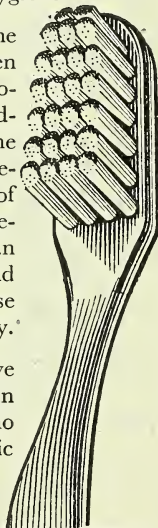
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PROBABLY you've already seen the first of the new Wisdom advertisements in the National and Provincial press. We were inspired to prepare this "use your Wisdom wisely" series by the very high proportion of people shown to have bad teeth on joining the Forces — bad teeth due largely to sad ignorance of oral hygiene.

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People should come to have the greatest confidence in the brush made by those who sincerely have the public interest at heart.



Wisdom REED. OUTLASTS
THREE
ORDINARY
TOOTHBRUSH BRUSHES

MADE BY ADDIS LIMITED. ESTABLISHED 1780

Three profitable lines...

Licoricine
BRAND
ACTS LIKE
MAGIC

FOR COUGHS AND COLDS
PATA FENOLIN FLUID PATA
and
ELDON VAPORISERS
FOR WHOOPING COUGH

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FRAGRANT TONIC HAIR CREAM
MAKES THE HAIR BEHAVE

MY LADY'S VANISHING CREAM
For loveliness and charm—Delicately perfumed
Setting Lotion, Solid Brilliantine, Brilliant
Cold Cream, Cleansing Cream, Antiseptic Balm
LABELS FOR THESE LINES—6/- per gross.
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EMULSIFIERS—Needing hot water only to
excellent preparations as above. Send stamp
details to—

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RELIABLE

ELASTIC HOSIERY

SEAMED AND SEAMLESS

For special garments to measure
we give the best possible service

**SURGICAL BELTS
TRUSSES AND SUNDRIES**

50 years' service of
everything Surgical

SURGICAL HOSIERY CO. LTD.

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Telephone No. 75903 Telegrams: Surgical No.

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BRAND

MALT & COD LIVER OIL



OF UNSURPASSED QUALITY

THE supreme pharmaceutical excellence of Wander Brand Malt Extract and Cod Liver Oil, the outstanding preparation of its kind, has for many years been widely recognised by physicians.

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Both in its attractive appearance and toffee-like flavour, Wander Brand Malt Extract and Cod Liver Oil is readily acceptable to children and adults. In every respect it is a product which the pharmacist can recommend with the fullest confidence.

On the P.A.T.A.

Wholesale Prices: 1 lb. Jars 18/9; 2 lb. Jars 35/6

Exempt from Purchase Tax

Retail Prices: 1 lb. Jars 2/-; 2 lb. Jars 3/10½

For further details write to:

A. WANDER, LTD.

5 & 7 Albert Hall Mansions

London, S.W.7

K B

ESTABLISHED 1870

emball, Bishop

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Page 23

Chemicals

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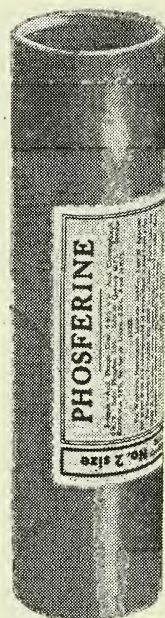


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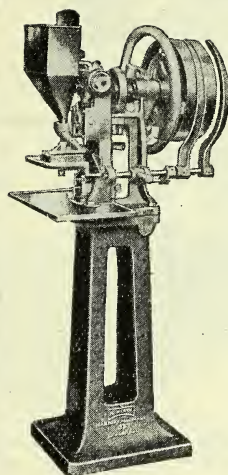
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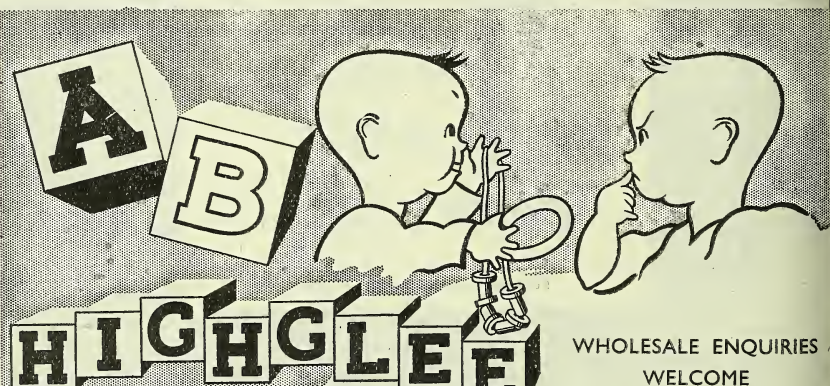
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to be bathed in a naturally
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Chemists are asked to take careful note of the **Three Strengths** issued

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Brand
TABLETS

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Combining Fresh Valerian and soluble Barbitone.

INDICATIONS.

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Insomnia.

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SOLUTION is issued in bottles of 3½ oz. Formula: Soluble barbitone, 3.5 g.; liquid extract fresh valerian to 100 c.c.

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CONTENTS

	Page		Page
Business Changes	169	Irish Drug Association	184
Indian Notes	171	Legal Reports	168
Ministry of Penicillin	186	Marriages	169
Pharmacists' Friends Association	183	Medical Abstracts	176
Public Events	174	Overseas Trade News	187
Public News	192	Personalities	172
Coordination of Industrial Researches	172	Pharmacy Interviews the Minister	177
Quota Quotas to Depend on Exports	173	Registrar's Report	179
Quota Quotas	167	Surgical Instrument Manufacturers	175
Special Articles:—	169	The Week in Parliament	166
Stinty's Hour	181	Topical Reflections	165
Notes by Result	181	Trade Marks	192
Unvetted "Proprietaries"	182	Trade Notes	170
Pol's Parsley	182	Trade Report	188
		Zanzibar Cloves	191

NEWS OF THE WEEK

Film and Talk.—Dr. T. F. West read the Romford Branch of the Pharmaceutical Society on January 23 on the history of DDT." A film on DDT was shown. The speaker reviewed the history of DDT and dealt in detail with its use and application in the destruction of insects. He stressed the necessity for the fullest details when selling the material to the public.

F.I.L. President on Taxation.—At a luncheon organised by the Royal Institution of the Federation of British Industries (Sir Clive Baillieu) declared that the Chancellor of the Exchequer "would encourage amply rewarded if he chose to take any risks involved in reducing the tax which bears mainly on production." He added that the country should be told the leaders more often and more fully the facts of its economic and financial position.

December Exports Total.—The President of the Board of Trade announced recently that British exports for December totalled £43.5 million—the highest in any

month of 1945. Sir Stafford Cripps pointed out, however, that the figure was misleading by itself as December was by no means an average month and that export figures have shown an erratic month-to-month movement. The monthly volume of United Kingdom exports for November-December was no more than half the 1938 monthly average.

Eire Research Grant.—The Eire Department of Public Health is endeavouring to find a drug effective against tuberculosis. A White Paper issued on the subject states: "In the hope of discovering a drug similar to penicillin or the sulpha group of drugs which would be capable of killing the tuberculosis bacillus in the human body, grants amounting to £7,500 have to date been made by the Government to the Medical Research Council of Ireland to enable them to carry out research into the chemotherapy of tuberculosis. Two scientists have been working on the problem and, although the task is tedious and one of great difficulty, the Medical Research Council is satisfied that progress is being made."

Mayo Association Officers.—At the annual meeting of the Mayo Pharmaceutical Association held at Castlebar recently Mr. A. O'Malley, Castlebar, was elected *President* for the ensuing year, with Mr. G. D. Golden, Westport, *Treasurer*, and Mr. M. G. Durcan, Ballina, *Secretary*.

Penicillin Progress Described.—At a recent meeting of the North Staffs Branch of the Pharmaceutical Society a lantern lecture on "The Latest Developments and Dispensing of Penicillin" was given by Mr. R. Falconer, Ph.D., B.Sc. (fine chemical department, Boots, Ltd., Nottingham).

Irish Chemist Golfers.—The Irish Chemists' Golfing Society will open its season with an informal dinner for members at Jury's Hotel, Dublin, on February 11. The first competitions for the season will be held at the Hermitage Golf Club on Sunday April 28, and the annual three-day outing will be at Bundoran, June 15-18.

Petition for Wine Licence.—In support of an application by Mr. H. G. Ford, M.P.S., Uttoxeter Road, Mickleover, for a wine off-licence, a petition signed by 300 people was laid before the magistrates at Derby recently. Three doctors, wishing to prescribe wines for tonic purposes, also endorsed the request. On Mr. Ford's undertaking to sell medicated wines only, the application was granted.

Bedfordshire Branch.—At the January meeting of the Bedfordshire Branch of the Pharmaceutical Society, held in Luton, Dr. Wrigley (director of clinical research, Roche Products, Ltd.) gave an address on "Later Vitamin Developments." Dr. Wrigley dealt with vitamins K, E and B₆, describing the type of condition with which these vitamins were associated. He answered a number of questions put to him after his address.

Dublin Chemists' Sport.—In the first round of the McGeady Cup, played on January 27, the senior team of the Chemists' Gaelic Athletic Club defeated University College, Dublin, by 2 goals 8 points to 1 goal 2 points. The chemists were led by their new captain (Mr. Tom O'Keefe), and the main-stay of their defence was Mr. Jack Casserly (Roscommon All-Ireland player), supported by C. Donelan, M. Moore and B. Durcan (all county players).

Farewell Presentation.—The staff of British Schering, Ltd., London, met recently to bid farewell to Mr. G. A. Beattie, M.P.S., for many years office manager of

the company, who is leaving to take a new post (see p. 171). The man director (Mr. A. W. Edwards) spoke of a long and happy association with Beattie, to whose unflinching loyalty, friendship and efficiency he paid warm tribute. A silver salver suitably engraved was presented by Mr. Arthur Cronin (ware manager).

Refresher Course at Sunderland.—Durham County Branch of the Pharmaceutical Society has arranged for its members a refresher course in sterilisation aseptic technique. The course comprises lecture and laboratory work and extends over eight three-hour periods at the derland technical college. Entry to the course is limited to sixteen, and the fee is £1 10s., plus a breakage deposit. Applications for admission to the lectures, which commence on or about Wednesday March 20, should be made to the secretary William Low, 1 Derwent Street, Blackpool, Lancs.

Co-operative Pharmacies in Cornwall.—An endeavour is being made by the Cornwall district council of the Co-operative Union to induce co-operative societies that county to enter pharmacy. A large attended meeting was recently held at St. Blazey, at which an address on pharmacies in the co-operative movement was given by Mr. A. Downing (chief pharmacist, Plymouth Co-operative Society, Ltd.). He urged the Council to do its best to establish branches in the constituent societies. The pharmacy department of which Mr. Downing is the head now comprises eight branches in Plymouth and the surrounding districts.

Dublin Camogie Club.—The committee of the Pharmaceutical Chemists' Students' Camogie Club acknowledge receipt of the following donations: £2 2s. each, Mr. J. K. Whelehan (president, Pharmaceutical Society of Ireland); £1 1s. each, Messrs. F. X. Meagher, J. Cahill, G. C. O'Neill, J. Gleeson, J. Roche, R. Campbell, P. A. Brady, McMahon, Booterstown; Miss K. Lyell, Elphin; Victor E. Hanna, Ltd.; J. Roberts (Ireland), Ltd. (per Mr. A. Dawson); Boileau & Boyd, Ltd. (per Mr. A. & S. Boyd). £1 each, Messrs. P. McGrath, John Jennelly (c/o G. C. O'Neill), 10s. 6d. each, Messrs. H. Finn, Lyl Smith, F. Barragry, Morrissey, and Hur Evans Sons Lescher & Webb (Ireland), Ltd. (per Mr. W. R. Such). 10s. e

Mr. Keys and Mrs. Maguire; St. Dalmas (Ireland), Ltd. (per Mr. A. Hughes). 5s. Messrs. B. Gardner and T. Gleeson, and an anonymous donor.

Ulster Associates' Section.—At a meeting of the associates' section of the Ulster Chemists' Association on January 29 the chairman (Mr. M. D. Moore) referred to the statement by the Association's secretary (James McClenahan) on the death of Mr. J. H. McIlroy; it was decided to send a letter of sympathy. The new assistant secretary (A. E. Strachan) and a newly co-opted member (Mr. S. Cooper) were welcomed. Applications for associateship from Messrs. H. Harvey, J. J. Dougan and W. J. McIlroy (assistants) were approved. A committee consisting of the chairman (Messrs. H. W. Gamble, Ph.C., and J. H. McIlroy, Ph.C.), was appointed to consider the question of hospital dispensers; it was decided that certain public hospitals to which letters had been addressed had not replied. A discussion took place on the proposed Bill now before the Northern Ireland Parliament and it was agreed to send a letter to M.P.s protesting against the provisions for long hours and the reduction of a week's holiday with pay.

Newcastle Anaesthetics Lecture.—The Newcastle District and Northumberland Branch of the Pharmaceutical Society held a meeting on January 10, at which Mr. McGuckin (a member of the branch) gave an address on "Anaesthetics." Mr. McGuckin reviewed the historic technique of anaesthesia and described the first steps towards modern methods, namely, the discovery of nitrous oxide and chloroform. He explained the different types of anaesthetics and the different stages of anaesthesia. Members subsequently discussed the proposed by-law of the Pharmaceutical Society prohibiting canvassing by council candidates. It was generally agreed that the present time was not a suitable time to deal with such a matter, the opinions of men in the Forces could not be easily discovered. The following resolution, to be sent to the Council, was passed: "The Newcastle District and Northumberland Branch is strongly opposed to the passing, at the present time, of the proposed by-law prohibiting canvassing by council candidates." Miss K. Bell was in the chair at the meeting.

Soviet Chemists' Plans for 1946.—Semyon V. Vovchikov, corresponding member of the Academy of Sciences of the U.S.S.R. and

a Stalin prizewinner, sends the following item on the plans of Russian chemists for the New Year: In addition to research plans drawn up by industrial, agricultural, transport, medical and other research institutions, a plan will also be compiled by the Academy of Sciences of the U.S.S.R. The Academy's chemical department, where I hold one of the leading positions, intends in 1946 to make a considerable extension of short-term and long-term research, at the same time working on practical problems in industrial chemistry. Chief attention is to be paid to the synthesis of new organic and inorganic materials, high-pressure and super high-pressure catalyses, high and low temperatures, processes of polymerisation in new types of plastics, artificial fibre and synthetic rubber. We also propose to make a wider study of the rare and precious metals in which the Soviet Union is so rich and which are important for industry. The Institute of Physical Chemistry of the Academy of Sciences will study problems of theoretical and applied electro-chemistry, as well as questions suggesting how to avoid corrosion of metals.

British Tar Confederation.—The annual meeting of the British Tar Confederation was held recently. The following have been elected officers for the year: *President*, Sir Walter Benton Jones, Bart., LL.D.; *Treasurer*, Mr. C. E. Carey; *Chairman of the Executive Board*, Mr. A. E. Sylvester, F.C.A.; *Vice-chairman*, Dr. T. Howard Butler. The executive board consists of ten representatives each nominated by the Association of Tar Distillers, British Association of Coke-oven Tar Producers, and British Gas Council; they are as follows: *Association of Tar Distillers*: Mr. S. Bilbrough, Dr. T. Howard Butler, Messrs. C. E. Carey, E. Hardman, L. Hilton, J. H. Olliver and Stanley Robinson, Major A. G. Saunders, and Messrs. L. Shuttleworth and W. A. Walmsley. *British Association of Coke Oven Tar Producers*: Messrs. R. Alsop, A. Bradbury, R. Crichton, W. J. Dobson, C. F. Dutton and G. A. Hebden, Sir Walter Benton Jones, Captains C. F. Ward Jones and T. H. Thorneycroft, and Mr. A. Watson. *British Gas Council*: Messrs. S. Black and D. D. Burns, Dr. E. V. Evans, Messrs. A. L. Higham, A. E. Sylvester, H. E. Bloor, Colonel W. Moncrieff Carr, and Mr. P. G. G. Moon. The five last-named representatives of the British Gas Council were nominated to membership of the board by the Association of Co-operative Tar Groups.

Two-day Conference on Research.—Under the auspices of the Federation of British Industries, a two-day conference on industry and research is being held at the Kingsway Hall, London, on March 28 and 29. The principal subject will be the application of science in industry and the part that research is playing or can play in promoting industrial efficiency, exports, full employment and a higher standard of living. The conference will comprise four sessions, and the speakers at each will be (1) "Science, Industry and the Community," Sir William Larke, Sir Edward Appleton, F.R.S., Sir Harold Hartley, F.R.S., and Sir Ernest Simon; (2) "Scientific Research and Production," Dr. J. R. Hosking on "Research and Quality," Mr. A. Healey on "Research and Production Costs," and Dr. C. C. Paterson, F.R.S., on "Conversion of Research into Production"; (3) "Scientific Research and Industrial Expansion," Dr. R. E. Slade on "How New Industries Arise," Mr. C. H. Davy on "Modernisation of Processes and Plant," Mr. A. J. Philpot on "The Part Co-operative Research can Play"; (4) "The Application of Research in Industry," Dr. P. Dunsheath on "The Firm with a Research Department," and Sir Edmund Streat on "The Firm without a Research Department." Parts of Sessions 2, 3 and 4 will be open to discussion, and a summing-up will be given at the end of the conference by Sir William Larke (chairman, F.B.I. Research Committee).

Anti-Blood-pressure Drug.—The U.S. Department of Agriculture announced on January 28 that full-scale commercial production of rutin, a drug of newly discovered value in the treating of capillary fragility arising from high blood-pressure, would begin shortly. Large-scale production of the drug is now possible through the discovery that the green buckwheat plant is an economical source. The drug is found chiefly in the leaves and blossoms of the plant. Buckwheat producers will be able to grow more than one crop yearly because the crop is harvested five weeks after the seed is sprouted, when the rutin yield is highest, instead of when the grain is ripened. Rutin was first isolated over a century ago, but its medicinal value was not revealed until research began two years ago by the Department's Bureau of Agriculture and Industrial Chemistry and clinical tests by the University of Pennsylvania proved its worth. Besides the application of the drug in the treatment of weakened blood vessels, research has led to the

opinion that it may also be an aid in action by contributing to the growth hardness of teeth and bones much in manner of vitamin C. The director of Eastern Laboratory of the Bureau of culture and Industrial Chemistry has mated that 10,000 lb. of rutin will be required for medical purposes in Eventually, it is thought that 1,300,000 will be needed annually to meet medical and nutritional requirements.

OFFICIAL ANNOUNCEMENTS

Trade with China.—A joint announcement by the Treasury and Board of Trade that trading-with-the-enemy controls in respect of China have been removed.

Penicillin Lozenges.—An announcement from the Ministry of Health states that limited supplies of penicillin lozenges are being issued to hospitals. Medical practitioners can also obtain the lozenges for selected patients by applying to the nearest distributing centre.

Soap Coupons.—Soap coupons available during ration period 8 are the two up pairs of small squares K 29/30 and K 31/32 on large square 8. In ration books 1 and R.B.4 the coupon numbered 29/30 is worth one ration and the coupon numbered 31/32 two rations of soap. The two coupons in ration book R.B.2 are worth two rations of soap.

Posters Again.—The Minister of Supply has lifted the restrictions on the production and exhibition of advertising posters including showcards, display cards and dow bills, with the exception of commercial posters for periodicals and newspapers. Copies of the new Order, the Control of Posters (No. 72) (Economy) Order, (S.R. & O. 1946, No. 97), may be obtained from H.M. Stationery Office, London W.C.2.

Factory Premises Control Ended.—The Board of Trade has made an Order (S.R. & O., 1946, No. 89) revoking from January 1 the Location of Industry (Restrictions) Order, 1945, under which a licence was required from the Board of Trade before premises could be made of factory or store premises having a total floor space of 3,000 sq. ft. or over. The revocation does not affect the Government's powers under the Distribution of Industry Act, 1945, to do it in any way prejudice the control over the manufacture of particular classes of goods which exists under other Order

TOPICAL REFLECTIONS

Training the Demobilised

In an editorial article "Training for Business" (p. 150) and the abstract of a report of the Ling Physical Education Association (p. 139) renew attention to a question which is much in the thoughts of most of us. We are anxious that men and women coming out of the Forces should not be necessarily handicapped in starting or continuing whatever work they select. How can this aim to be achieved? According to the information, the number of people on the service who have availed themselves of educational opportunities as they return is not as large as occasional newspaper paragraphs may have led the world to suppose: the task of imparting a grasp of the essentials of a business career may seemingly be formidable in many cases. But we remember that a considerable proportion of these newcomers will work with physical disability for years, or even for the rest of their lives, it is evident that their rehabilitation will require not only as well as technical skill. The example of the well-known manufacturing firm mentioned on p. 150 is an admirable example of an attempt to solve this problem. One of its outstanding advantages is, to my mind, that it is specific rather than general. For our returning ex-Service men and women will have to be fitted into civilian life as individuals, not as mere items from a definite series of code numbers. And many of them will need educating in the technique of initiative.

Thomas Browne

For further information about the prescription of Sir Thomas Browne (p. 140) is welcome. His handwriting is not easy to read and one is not surprised to find that in the latest edition of his letters a few have been "by-passed." The article "The Best" discloses the wide range of Browne's intellect: I mention this because of popular estimation the genius of this writer as a master of English prose has been overshadowed by his other qualities. His literary output is not very extensive; and at the accident of piracy—an accident which has befallen other great writers—he might not have sought publication till much later in life, if at all. In March 1643 he wrote that Sir Kenelm Digby was putting forward some comments on "Religio Medici," published in an uncorrected version without the author's knowledge a few

weeks earlier. He thereupon wrote to Digby asking him to stay his hand till corrections could be made. In the letter he explained that the "piece," as he called it, had been "contrived in my private Study, and as an exercise unto my self, rather than exercitation for any other." Digby complied with the request; and his observations eventually appeared in more than one edition of the book. The late Professor Saintsbury remarked on varying degrees of polish that he had found in Browne's works: we may infer that the claims of a successful practice sometimes conflicted with those of authorship. As in the writing of other good classical scholars, we notice a few unusual words in the books and the correspondence; "chymistatours" and "materia medicorum" are instances.

Spectacular

One of the most remarkable features, for the ordinary visitor, of the sculpture from Westminster Abbey, now on view at the Victoria and Albert Museum (but soon to be returned), is that two or three of the saints are given spectacles, or rather stone frames for them. As is well known, spectacles were in use in the Middle Ages. In "The Times" of February 1 a correspondent quotes an entry from Stapledon's Register, "unum spectaculum cum duplici oculo," dating from the early part of the fourteenth century. The pair, then valued at 2s., belonged or had belonged to Walter de Stapledon, a bishop who in 1326 shared the unpopularity of Edward II. By one of those attacks of inconsequence that afflict many who write to the daily papers, the author of the letter goes on to cite, from a periodical publication of 1888, a case of a horse which, when examined by an oculist, was certified as having what is described as a No. 7 eye. Glasses were duly obtained and were fitted to the horse's head. After a brief period of surprise, the noble animal, it was stated, "rapidly showed signs of the keenest pleasure." Using the historic present tense, the narrative continues: "... he now stands all the morning, looking over the half-door of his stable with his spectacles on, gazing around him with an air of sedate enjoyment . . . but if pastured without his spectacles on he hangs about the gate whinnying in a plaintive minor key." There is more in the same vein. Readers of papers which specialise in animal stories may be able to parallel or even to better this anecdote. **Xrayser**

THE WEEK IN PARLIAMENT

by a Member of the Press Gallery, House of Commons

DISPLAY of British goods was the subject of a question on January 28 by MR. JOHN LEWIS, when he asked the President of the Board of Trade if, in order to promote the extension of British exports in the world markets, he would give consideration to the immediate acquisition in all the potential world buying centres, of well-equipped, informative establishments, illustrating and exhibiting the craftsmanship and products of British industry. SIR STAFFORD CRIPPS: No. It is doubtful whether permanent showrooms of this kind are the best method of attracting trade. Exporting industries generally prefer to have their goods displayed at branch establishments, agents' offices, or in the premises of local merchant or importing firms. Special displays for short periods are likely to be the more adequate complement to the regular selling efforts.

Shortage of Medicine Bottles

On January 28 AIR-COMMODORE HARVEY asked the President of the Board of Trade if he was aware of the shortage of medicine bottles in chemists' shops in Macclesfield; and would he arrange for manufacturers to give priority to their manufacture. SIR STAFFORD CRIPPS: There is a general shortage of medicine bottles owing to lack of sufficient labour in the industry, which my department is doing its best to increase. The manufacturers have been asked to give priority to supplies of bottles for a number of essential purposes, including medicine bottles. If the public would return to the chemists any empty medicine bottles which they have they would be of great assistance.

Export Regulations and Small Firms

On January 28 MAJOR FRASER asked the President of the Board of Trade if he was aware of the hardship imposed on small firms by his compulsory export regulations; that such firms had as yet unsatisfactory foreign channels for the sale of exports, were granted insufficient priorities by his department for their shipment and tended to be forced either into black market activities or into a restriction of production to their home market quotas; and if he would take the earliest opportunity to relax or alter these regulations. SIR STAFFORD CRIPPS: We must increase our export trade very considerably if we are to earn the currency necessary for our essential

imports. I appreciate that small firms are inexperienced in the export field in special difficulties, but we are doing all we can to put them in the way of export business where necessary.

Questions on Imported Oils

Reference to imported oils was made on January 28 when MR. LIPSON asked the President of the Board of Trade if he would arrange the importation of almond, peach-kernel oil and arachis oil, and priority in the purchase of glass container packings and cartons to enable Messrs. Beetham & Son, of Cheltenham, to execute export orders which were sufficient present to keep their works going for twelve months. SIR STAFFORD CRIPPS: My department would consider sympathetically an application to import almond and peach-kernel oils for making goods for export. Arachis oil is produced in this country and application for a supply for export should be made to the Oils, Fats Division of the Ministry of Food. It is administratively impracticable to have a priority scheme for glass containers, cartons applicable to individual export orders, but the allocations of paper and board for packing toilet preparations have recently been substantially increased and my department is doing everything possible to help the glass container manufacturers to increase their production.

Control of Advertisement Hoardings

MR. DUMPLETON asked the Minister of Town and Country Planning on January whether he would make a statement on the desirability of giving local authorities greater powers of control over advertisement hoardings. MR. SILKIN replied to the discussions with the interests concerned, to which he had previously referred in the House, are proceeding.

Release under Class B

On January 29, MR. MACLAY asked the Minister of Labour what action could not be taken by individual employers to initiate Class B release for named former employees when such could be shown to be required for work of national importance; if application for such release must still be confined to specialists and key men; and whether he would give a definition of the terms. Mr. Maclay was asking his question

particular reference to the building but the answer has universal application. MR. ISAACS: As regards the first part of the question, an employer may apply for the release in Class B of a former employee as an individual specialist. The application should be made to the Government Department mainly concerned with the work for which the employee is wanted. The answer to the second part of the question is in the affirmative. As regards the third part of the question, each application has to be considered on its merits.

Purchase Tax Included in U.S. Duty

American import duties were the subject of a question on January 30. MR. J. H. R. HARRISON asked the President of the Board of Trade if he was aware that the customs in the United States were at present levying *ad valorem* import duties on finished articles and that the value on which these duties were levied included British purchase tax; and if he would approach the U.S. Government with a view to reducing the value by the amount of the British tax. MR. BELCHER (Parliamentary Secretary): Having regard to the definition of dutiable value in their customs law, the competent

U.S. authorities have in many cases held that the purchase tax must be included in the value on which *ad valorem* rates of import duty are assessed. The legal issues involved are complicated. An important test case has recently been heard by the United States Court of Customs and Patents Appeals. Pending this Court's decision there is no further action which can usefully be taken. We are, however, watching the matter closely in view of its great importance to our export trade to the United States, with a view to renewing, if necessary, the strong representations which have repeatedly been made to the United States Government over the last five years.

Penicillin for African Colonies

On January 30, SQUADRON-LEADER DONNER asked the Secretary for the Colonies whether he was satisfied that adequate supplies of penicillin were now available for civilian use by the medical authorities on the spot in all the African colonies. MR. CREECH JONES: Yes. There is no restriction on the supply of penicillin to the Colonies. Their full requirements can now be ordered through the usual channels.

HOME COSMETICS QUOTAS TO DEPEND ON EXPORTS

On February 4, MR. J. W. BELCHER, Parliamentary Secretary to the Board of Trade, addressed a meeting of the Toilet Preparations and Perfumery Manufacturers' Federation at the Beaver Hall, Gaskell Hill, London. Mr. Belcher emphasised the vital need for the industry to pull its energy into increasing its valuable export trade. He said that the Board of Trade had had full discussions with the Federation to find the best means of obtaining a really substantial expansion from toilet preparations exports and had decided that the most effective measure would be to offer manufacturers a concrete inducement. This inducement offered would be to allow manufacturers who exported a high percentage of their output to supply more toilet preparations on the home market. The amount of additional home trade allowed would be proportionate to the value of manufacturers' 1946 exports and would increase progressively as exports reached higher levels. This scheme was substantially based on proposals put forward by the Federation.

The industry as a whole must, however, be the object of the scheme by achieving a progressive expansion of exports before

any rewards could be given to individual manufacturers. No additional home trade supplies would, therefore, be allowed unless the industry's total exports increased steadily, starting with an annual rate of £1,250,000 in the first quarter and rising to an annual rate of £2,000,000 in the fourth quarter of the year. MR. L. J. MATCHAN, chairman of the Federation, said that the importance of exports could not have been more signally impressed on the industry than by the trouble that Mr. Belcher had taken in coming personally to announce the new exports scheme. He welcomed the scheme as a good one and said that the principle of a progressively increasing reward would be real inspiration to the trade; it gave manufacturers confidence of a reasonable foundation on which to build up a steadily increasing export trade. But the industry would have to look to the Board of Trade to assist them in obtaining adequate supplies of the raw materials and containers needed for its exports. The arrangements that the industry as a whole should reach an aggregate target would encourage the spirit of co-operation which the Federation were already active in developing.

BIRTHS

D.—On February 1, Helen, the wife of Reginald Todd (Sangers, Ltd.) of a chemist (Susan Mary).

ARCH.—At View House, Braxfield Lanark, on January 24, the wife of J. Veitch, M.P.S., 10 Bloomgate, Glasgow.

MARRIAGES

SONS—DERLICH.—At Copenhagen, Denmark, on January 23, Leslie Cussons, son of Mr. and Mrs. Alex. T. Cussons, of Priars, Hale, Cheshire, to Marie E. E. Sonderborg, Denmark. Mr. and Mrs. Cussons will reside at Halebank, Hale Road, Ringway, Cheshire.

Ser Wedding.—SPEIGHT-TOTTY.—At Gosport, on February 8, 1921, C. E. E. Speight, M.P.S., to Ada Totty. Present address, 5 Penn Road, Beaconsfield, Bucks.

DEATHS

ALLEN.—At Bournemouth, on January 8, Edward Watlock Allen, for many years a director of Stafford Allen & Sons, London. Mr. Allen retired from business in September 1931, though continuing a director until June 1943.

ANDERSON.—At the British Military Hospital, Rawalpindi, India, on September 1, 1945, Mr. Robert Anderson, M.P.S., 100 St. George Street, Paisley. Mr. Anderson died in 1938.

ARTHUR.—Recently, Mr. Harvey Phillips, M.P.S. Victoria Road, Glasgow. Mr. Arthur qualified in 1895. He was for some years manager of a branch establishment of J. & S. Spite & Co., Ltd., Glasgow, before commencing business on his own account at Victoria Road, where he was established for many years. Mr. Arthur took a keen interest in pharmaceutical affairs, and served for terms as chairman of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society and chairman of the North British Executive. He was a Governor of the Royal Technical College, Glasgow, and secretary of the Kinninmont Trust Fund.

ATKINSON.—On January 19, Mr. Charles Henry Atkinson, M.P.S., 11 Beach Terrace, Scarborough-by-the-Sea, Northumberland, aged eighty-seven.

BEYBY.—Recently, Mr. Charles William Beyby, M.P.S., High Street, Soham, Cambs., aged ninety.

BURDEN.—On January 22, Mr. Sidney Burden, M.P.S., 44 Anglesey Road, Alverstoke, Gosport, aged sixty-seven.

CRAWFORD.—At 4 Margaret Street, Greenock, on January 28, Mr. Andrew Crawford, M.P.S. Mr. Crawford qualified in 1895.

DENNY.—On January 11, Mr. John Harvey Denny, Bank House, Bungay, Suffolk, aged eighty.

EYRES.—On January 25, Mr. Fred Eyres, M.P.S., 1 St. Clement's Hill, Norwich, aged seventy-three. Mr. Eyres had completed nearly forty years' service with Smith & Sons (Norwich), Ltd., wholesale druggists, Magdalen Street.

GREGSON.—On January 10, Mr. William Arthur Gregson, M.P.S., 28 High Street, Walsall, Staffs. Mr. Gregson qualified in 1900 and was in partnership with Mr. H. H. Gregson, M.P.S.

JOHNSON.—Presumed killed whilst navigating an aircraft which was shot down over Clerbeaux, Luxemburg, on the night of March 20-21, 1945, Flying-Officer Henry Scurr Johnson, M.P.S., 27 Queen's Avenue, Seaburn, Sunderland. Mr. Johnson qualified in 1936.

MELLOR.—On October 5, 1945, Mr. George Henry Mellor, M.P.S., formerly of 127 Brackenbury Road, Hammersmith, London, W.6. Mr. Mellor qualified in 1916.

MORGAN.—On January 6, Mr. Albert Arthur Butler Morgan, M.P.S., 21 Pinfold Street, Darlaston, Staffs, aged thirty-seven.

PEAT.—On December 16, 1945, Mr. Samuel Peat, Sevectis, The Avenue, Fareham, Hants. Mr. Peat qualified as a chemist and druggist in 1923. He was manager of the Fareham branch of Boots, Ltd., from March 1923 until his retirement in August 1931.

PLEWS.—Recently, from pneumonia following influenza, Mr. Frank Plews, M.P.S., 9 Church Street, Staveley, Derbyshire, for the past eight years manager of Nuttalls (Chemists), Ltd., Church Street Pharmacy, Staveley.

SALISBURY.—On January 19, from wounds received whilst serving with the Royal Army Medical Corps at Singapore, Warrant-Officer William Alan Salisbury, M.P.S., 5 St. Albans Street, Rochdale. W.-O. Salisbury joined the Forces about four years ago, at which time he was manager of the laboratory of J. J. Thomas & Son, wholesale and retail chemists, Rochdale.

TRADE NOTES

Goya Perfume Supplies.—Goya, 161 New Bond Street, London, W.1, advise that a quota of Goya Jasmin perfume will be available for the home trade in the Spring.

Sole Distributors.—It is announced by Chemo-Plastics, Ltd., Farnham, Surrey, that the sole distributors of Dabitoft are Thos. Christy & Co., Ltd., Farnham, Surrey.

Agencies Considered.—Evans, Gadd & Co., Ltd., Exeter, who hold the sole proprietary rights in Corner's oils, are prepared to appoint agents for this product. Applications should be made to the company.

Hair-cream Emulsifier.—Described as a perfect emulsifier of thick white hair cream of oil-in-water type, Cyclochem EM420, manufactured by Cyclo Chemicals, Ltd., Manfield House, Strand, London, W.C.2, requires no homogeniser.

Hand Inhaler.—For the treatment of asthma with Asma-Vydrin, the Lewlab hand inhaler, complete with nose-piece, has been introduced by Lewis Laboratories, Ltd., Sun Buildings, Park Row, Leeds, 1, who invite inquiries for special bonus terms.

Advertising Campaign in Yorkshire.—A concentrated campaign is now being conducted in Yorkshire for Bablets (baby's own tablets) by the makers, G. T. Fulford Co., Ltd. (of Canada), 8 Royston Park Road, Hatch End, Middlesex.

In Readiness for the Spring.—Chemists are recommended by Bob Martin, Ltd., Southport, Lancs, to stock up now with Bob Martin condition-powder tablets, in readiness for the extra sales that are bound to arise during the coming Spring season.

First New Camera Model.—Kershaw-Soho (Sales), Ltd., Mortimer House, Mortimer Street, London, W.1, give details in this issue of a new popular camera, the Kershaw Eight-20 Penguin roll-film model, for $3\frac{1}{2} \times 2\frac{1}{4}$ in. pictures. A list of eight special features is given.

Reintroduced.—Glaxo Laboratories, Ltd., Greenford, Middlesex, announce the reintroduction of infant-Celin (vitamin C) tablets. Each tablet contains 10 mgm. ascorbic acid and is equivalent to approximately one teaspoonful of orange juice. Prices are given on another page.

Temporary Pack.—Owing to the continued bottle shortage, Continental Laboratories, Ltd., 101 Great Russell Street, London, W.C.1, state that they are compelled to adopt a temporary pack for their

speciality Uralysol. The new bottle is illustrated elsewhere in this issue.

New Price List.—A new issue of general trade price list of The British Houses, Ltd., London, N.1, is now available. Copies will be sent to chemists on receipt of applications accompanied by penny stamp to comply with the regulations.

Reduced Prices.—Moore Medicinal Products, Ltd., Aberdeen, Scotland, announce that the prices of Bon-Accord amber M.M.P. pocket clear-glass, and M. pocket amber-glass inhalers are reduced on March 1. The prices of Brovon midjet inhalers are unchanged.

Prices Reduced During War-time.—Roche Products, Ltd., Welwyn Garden Herts, point out that during the war all price movements of the company's specialities have been downward. The spectacular reductions were in Be vitamin B₁, B₂, B₆, B₁₂, B₁₅, B₁₇, B₁₈, B₁₉, B₂₀, B₂₁, B₂₂, B₂₃, B₂₄, B₂₅, B₂₆, B₂₇, B₂₈, B₂₉, B₃₀, B₃₁, B₃₂, B₃₃, B₃₄, B₃₅, B₃₆, B₃₇, B₃₈, B₃₉, B₄₀, B₄₁, B₄₂, B₄₃, B₄₄, B₄₅, B₄₆, B₄₇, B₄₈, B₄₉, B₅₀, B₅₁, B₅₂, B₅₃, B₅₄, B₅₅, B₅₆, B₅₇, B₅₈, B₅₉, B₆₀, B₆₁, B₆₂, B₆₃, B₆₄, B₆₅, B₆₆, B₆₇, B₆₈, B₆₉, B₇₀, B₇₁, B₇₂, B₇₃, B₇₄, B₇₅, B₇₆, B₇₇, B₇₈, B₇₉, B₈₀, B₈₁, B₈₂, B₈₃, B₈₄, B₈₅, B₈₆, B₈₇, B₈₈, B₈₉, B₉₀, B₉₁, B₉₂, B₉₃, B₉₄, B₉₅, B₉₆, B₉₇, B₉₈, B₉₉, B₁₀₀, B₁₀₁, B₁₀₂, B₁₀₃, B₁₀₄, B₁₀₅, B₁₀₆, B₁₀₇, B₁₀₈, B₁₀₉, B₁₁₀, B₁₁₁, B₁₁₂, B₁₁₃, B₁₁₄, B₁₁₅, B₁₁₆, B₁₁₇, B₁₁₈, B₁₁₉, B₁₂₀, B₁₂₁, B₁₂₂, B₁₂₃, B₁₂₄, B₁₂₅, B₁₂₆, B₁₂₇, B₁₂₈, B₁₂₉, B₁₃₀, B₁₃₁, B₁₃₂, B₁₃₃, B₁₃₄, B₁₃₅, B₁₃₆, B₁₃₇, B₁₃₈, B₁₃₉, B₁₄₀, B₁₄₁, B₁₄₂, B₁₄₃, B₁₄₄, B₁₄₅, B₁₄₆, B₁₄₇, B₁₄₈, B₁₄₉, B₁₅₀, B₁₅₁, B₁₅₂, B₁₅₃, B₁₅₄, B₁₅₅, B₁₅₆, B₁₅₇, B₁₅₈, B₁₅₉, B₁₆₀, B₁₆₁, B₁₆₂, B₁₆₃, B₁₆₄, B₁₆₅, B₁₆₆, B₁₆₇, B₁₆₈, B₁₆₉, B₁₇₀, B₁₇₁, B₁₇₂, B₁₇₃, B₁₇₄, B₁₇₅, B₁₇₆, B₁₇₇, B₁₇₈, B₁₇₉, B₁₈₀, B₁₈₁, B₁₈₂, B₁₈₃, B₁₈₄, B₁₈₅, 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BUSINESS CHANGES

REGINALD A. SHIMMIN is shortly opening a branch pharmacy at his residence, Edge Avenue, Saltdean, Sussex.

G. A. BEATTIE, M.P.S., is removing from Devon, to take up an appointment as a director of Bernard Pitt, Ltd., Exeter, Devon, Seaton.

JOHN (RUBBER), LTD., are transferring their offices and warehouse to the company's new works, 99 Kingsland High Street, London, E.8. Telephone: Clissold 1717.

G. HOWELL THOMAS, A.C.I.S., has been appointed secretary of British Disinfectant Co., Ltd., South Tottenham, London, N.15.

DUNCAN MCKINNON, M.P.S., has taken over the pharmaceutical business of Whigham, 120 Battlefield Road, London, W.4.

WILLIAM CHARLES BRUMLEU, produce merchant, has removed to 4-5 Hogarth Street, Fenchurch Street, London, E.C.3. Telephone: Mansion House 3150 and 3151.

FRED STEKEL, cardboard box manufacturer, 214 Bishopsgate, London, E.C.2, has acquired larger premises and is now taking on more orders for prompt completion.

LEONARD NORTH, M.P.S., 314 Wellesley Road, Leicester, has been released from the Forces and is again personally supervising his dispensing business at that address.

Under the will of the late Councillor J. Smith, M.P.S., Gosport, the pharmacy at 39 High Street, Gosport, has been taken over by Miss Margaret Humphries who has been an assistant at the shop twenty-two years ago on leaving school.

HELEIGH PRODUCTS, Woodford Works, Woodstock Road, Rayleigh, Essex, have taken over the business of E. G. Haskings, manufacturer and importer of druggists' supplies, 101 Sydney Road, Hornsey, London, N.8.

KAY, LTD., 25 Hanover Square, London, W.1, have appointed Mr. G. W. H. 25 Manor Park, Lewisham, S.E.13, as their representative south of the Thames, and Mr. C. D. Haslett, 34 Douglas Sutton Coldfield, to be their representative in Warwickshire, Worcestershire and Shropshire.

D. R. ANDERSON, M.P.S., has been released from the Royal Air Force and has taken representation for Stemco, Ltd.,

in Yorkshire. He hopes to call upon all old customers in the near future but asks that in the meantime contact should be made with him at 60 Westminster Road, York.

THE Control of Factory and Storage Premises Branch, Board of Trade headquarters, Imperial Chemical House, Millbank, London, S.W.1, and the Regional Branch, which is responsible for the Board of Trade regional organisation, have been brought together as one body to be known as the Distribution of Industry and Regional Division.

MR. J. G. WYNNE-WILLIAMS has resigned his position as managing director of Pepsodent, Ltd., Park Royal Road, London, N.W.10. He will be leaving this country for Brazil during February to take up an appointment in South America. Owing to pressure of time Mr. Wynne-Williams regrets it will not be possible for him to communicate personally with his many friends in the trade, but wishes to thank them for the many courtesies extended to him during the time he has been connected with the drug trade. "In departing for an entirely new life," says Mr. Wynne-Williams, "I shall carry with me memories of friendship and kindness shown me all over the country."

INDUSTRIAL ALCOHOL CONTROL.—The Molasses and Industrial Alcohol Control is being replaced, as from February 1, by a Directorate of Molasses and Industrial Alcohol under the Raw Materials Department of the Ministry of Supply. Mr. H. P. Coles (Assistant Controller) has been appointed Director. The following officers were released from their appointments on January 31 but are still available for advice: Controller, Mr. T. F. A. Board; Assistant Controllers, Messrs. D. H. Owen Edmunds and G. H. Duncan. The Directorate will continue to operate from Sunninghill, Downs Road, Epsom, Surrey.

Proprietary Articles Trade Association

Addition to Protected List—*J. Grossmith & Son, Ltd.*, Old Cottage lavender perfume, 73/2, 20s. doz., tax 20s. doz., inclusive retail price 4s. 2d. Golden Still Cologne perfume, 262, 20s. doz., tax 20s. doz., inclusive retail price 4s. 2d. Old Cottage Lavender perfume (73/1 and 73/3) and Golden Still Cologne perfume (261 and 263), prices of which are quoted in the current issue of the P.A.T.A. year book, are being withdrawn.

COMPANY NEWS

CLAIRE PROPRIETARIES, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in perfumes, essences, soaps, cosmetics, etc. Directors are to be appointed. R.O.: 106 Regent Street, London, W.1.

HORSENAIL & SON, LTD. (P.C.).—Capital £300. Chemists' sundriesmen, manufacturers of and dealers in chemicals, drugs, etc. Frederick A., Ronald A. and Joan F. L. Horsenail, directors. R.O.: 112 Belle Grove Road, Welling, Kent.

TAPROBANE TRADING CO., LTD. (P.C.).—Capital £500. Chemists and druggists, etc. Edward Maxwell, Israel Isaacs, Irving G. de Zilva and William Butler, directors. R.O.: 46 Finsbury Park Road, London, N.4.

REVEL CHEMICAL CO., LTD. (P.C.).—Capital £1,000. Merchants, dealers in disinfectants, soaps, chemicals, etc. Charles A. Lever, Thomas B. Anderson and Harold Lever, directors. R.O.: 18 Florist Street, Liverpool, 7.

MILES LABORATORIES, LTD. (P.C.).—Capital £10,000. Manufacturers of and dealers in pharmaceutical preparations, foods, soaps, cosmetics, etc. Directors are to be appointed. R.O.: 14 Waterloo Place, London, S.W.1.

HYLTONS LABORATORIES, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in pharmaceutical, medicinal, industrial and other preparations, chemists, druggists, etc. Wera Marcus, director. R.O.: 44 Broadway, London, N.W.2.

JAYNE GAYE, LTD. (P.C.).—Capital £5,000. Manufacturers of and dealers in cosmetic and pharmaceutical preparations, etc. Henry S. Whiteside, Thomas A. Barnes and Frank R. Dixon, directors. R.O.: 6 Old Jewry, London, E.C.2.

ANGLO-DUTCH PHARMACEUTICAL CO., LTD. (P.C.).—Capital £5,000. Chemical manufacturers, chemists' sundriesmen, manufacturers of and dealers in proprietary medicines, chemicals, etc. Leopold K. Wynschen, director. R.O.: 110 Dale End, Birmingham, 4.

A. B. SPARROW & SON, LTD. (P.C.).—Capital £1,000. To acquire the business carried on by Arthur B. Sparrow at 21 Bank Buildings, 920 Brighton Road, Purley, as "A. B. Sparrow." Arthur B. Sparrow, M.P.S., and John B. Sparrow, M.P.S., directors. R.O.: 920 Brighton Road, Purley, Surrey.

PERSONALITIES

MR. T. B. HARVEY, M.P.S., Station 1 Keyham, was successful in a by-election the Ford ward for a vacancy on the mouth City Council.

MR. P. G. PATTINSON, managing director Bourjois, Ltd., Sutton, Surrey, has appointed a director of the American Company (Bourjois, Inc., New York).

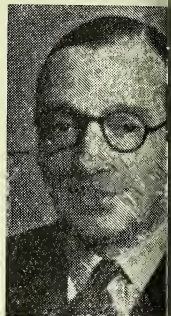
MR. H. RIDEHALGH, M.P.S., Bournemouth, contributed a letter to "John Bull" recently refuting charges previously made against chemists generally by a contributor.

MR. FRANK C. WILSON, M.P.S. (a member of the Pharmaceutical Society's Council) circulated a letter to a number of papers recently asking that patients should take their medicine bottles with them when having prescriptions made up.

MR. R. F. MOTTERSHEAD, J.P., principal of M. R. Lord & Co., dental manufacturer Blackburn, who was the leader of Blackburn town council until deposed as an alderman in November 1945, is contesting the M. Division in the Lancashire County Council elections on March 4.

MR. CHARLES BEAVEN, Ph.C., for 12 years senior lecturer and demonstrator at the South of England College of Pharmacy and now attached to the medical scientific department of Parke, Davis & Co. has been elected an Associate of the Royal Institute of Chemistry.

MR. S. J. BARRATT, an employee of S. Maw, Son & Sons, Ltd., New Barnet, Hertfordshire, completed fifty years' service of the company on January 28. Mr. Barratt is the forty-ninth member of the firm to achieve his jubilee with the company, the occasion was marked by the presentation to him of a cheque from the directors and later, at an assembly of the staff, by another cheque and an illuminated address subscribed for by the employees. In younger days "Sam" Barratt was a known amateur runner. Having joined the Webb Institute in 1896-97 he ultimately became a member of the Highgate Harriers.



COORDINATION OF INDUSTRIAL RESEARCHES

address to the Northern Industrial Conference on January 29, Sir Edward Appleton (Secretary, Department of Overseas Trade) stressed the contribution scientific method could make in industry and threw out a number of possibilities in decentralised research in the country. Dealing first with the present state of science in industry, he said that the problems of to-day were the provision of clothing, homes, food, health and safety for the people. These problems depended for their solution on maintenance of a close partnership between Government, science and industry. The scientific method, he declared, consisted of three stages. It began with observation, advanced into creative thought, as a result of which a hypothesis was evolved; this, in its turn, had to be submitted to the test of carefully planned and reproducible experiments before it was generally accepted as true. The application of the scientific method, he claimed, was entirely British.

Rational and Scientific Methods

It had to be admitted that traditional knowledge amassed and handed down in the course of time from one generation to another might, in certain circumstances, be regarded as knowledge gained by the scientific method. No scientist would say that traditional knowledge as such was necessarily wrong. It was not surprising that those who controlled traditional industries were not always ready to accept scientific methods. The structure of a firm in such an industry was designed to operate the traditional processes, not to question them. But other people, in other countries, were asking questions, applying the answers, and finding disturbing results. If an industry was serving the public well there was no need for any immediate change. The introduction of gradual improvement in design and quality, by careful management, by clever salesmanship, and by well-aimed advertising, an industry could hold its own for a long time. But sooner or later a time would come when scientific help was essential, and the industry that had not made a practice of keeping science might find the opportunity to do so. The industrial scientist was the man who ought to look out for technical dangers and difficulties. Having suggested what should be done to him the best course to steer to help them, the responsibility rested with management to issue the necessary orders.

However good the organisation of industrial research might be, and however generous the financial support given to it, its success ultimately depended on the knowledge, skill and enthusiasm of the nation's research workers. To a country with a small population such as Britain, the supply and use to the best advantage of limited resources in trained scientific workers was one of the most difficult problems. With industry, the Universities and the Government working in partnership he was confident it could be solved. The Government had clearly expressed its intention of doing everything possible to expand the resources and opportunities for research. In the industrial field the machinery for doing this would be mainly the Department of Scientific and Industrial Research. Medicine was served by a sister organisation—the Medical Research Council. Encouragement to private concerns to carry out research in their own laboratories was not being given direct, but through the remission of taxation. Private research in the end yielded tremendous dividends but was, when conducted on a considerable scale, beyond the means of many smaller firms, which make up such a large percentage of British industry. Their needs were met to a large extent by co-operative Research Associations on a national basis.

Regional Research Suggested

Except for the local offices of the Coal Survey and Geological Survey, the D.S.I.R. laboratories were mostly situated near London. Some of the laboratories of the Research Associations were situated outside, according to the location of the industry. It had often been asked whether it would be possible to decentralise a little, and whether D.S.I.R. could set up branches in other parts of the country. It was true that the regions often had special problems of their own and that it was essential that the industrial user and the research worker should be in close contact with one another, but the limited supply of skilled workers at present made scattering of resources difficult, if not impossible. The same result could be achieved, he thought, in a rather different way, and in a way with advantages of its own. This lay in setting up regional Joint Research Councils or Committees designed to bring about mutual co-operation between local industry and University and other research institutions in a district.

ANNUAL MEETING OF C.F. MANUFACTURERS

THE tenth annual meeting of C.F. manufacturers was held in London on January 23, the president of the Chemists' Friends Association (Mr. T. Heseltine) in the chair. THE CHAIRMAN referred to the retirement of the Association's treasurer (Mr. R. Peck), and congratulated him upon the work which he had done for the organisation. Mr. Heseltine explained that Mr. Peck's resignation had been tendered, not because of his lack of sympathy with the organisation, but for business reasons. He wished Mr. Peck every success in any new venture which he undertook. The following items on the Agenda were then considered:—

THE CHAIRMAN explained that there was no necessity to appoint two scrutineers for the purpose of counting votes cast for the election of four firms to act as manufacturers' representatives to the C.F. Council for the two years ending January 31, 1948, because only four nominations had been received for the four vacancies. THE CHAIRMAN moved adoption of the annual report of the Council. This was seconded and adopted unanimously.

Classification of Products

THE SECRETARY reported receipt of a motion from Paines & Byrne, Ltd., in the following terms: "That an interpretation of the rules of the Standards Committee be given with particular reference to the classification of A and B products." In the absence of Mr. S. J. STEARN (chairman of the Standards Committee) THE SECRETARY gave the required explanation, explaining that products included in the C.F. list were not segregated into different classes. The classification was only adopted for the convenience of the Standards Committee. Class A products were regarded as those which were commonly referred to as "ethical" preparations, and which were intended for use under medical supervision and direction. They included preparations not advertised to the public, but sold only upon recommendation and prescription. Class B products were proprietary preparations advertised to the public or intended for sale as counter lines. Before products regarded as coming within Class B could be accepted for inclusion in the C.F. list, the Standards Committee required to be satisfied on the following points:—

(a) The pharmaceutical history and status of the manufacturer.

(b) The preparation must be pharmaceutically sound.

(c) The formula must be suitable and satisfactory for the purpose for which it is intended.

(d) The package and presentation must be attractive and "in keeping" with pharmacy.

(e) The claim made in respect of preparation must be reasonable.

(f) The product must offer the purchaser reasonable value for money.

(g) The trade terms to both the retailer and the wholesaler must be adequate.

When Class A products were examined the Standards Committee was not so much concerned with the formula of the preparations offered or with the therapeutic claim made by the manufacturer, because the points could be regarded as the responsibility of the doctors ordering the preparation. The Committee only investigated matters concerning the formulas and therapeutic claims of Class A products if satisfactory was not forthcoming on the following points:—

(a) The pharmaceutical history and status of the manufacturer must be satisfactory and access to research and standardisation facilities should be available.

(b) The preparation must be pharmaceutically sound and be suitable for the purpose for which it is intended.

(c) Medical and/or clinical evidence supporting the claims made must be available if required.

(d) The package and presentation must be satisfactory.

(e) The retail price must bear a reasonable relationship to the production and selling costs.

(f) The trade terms to both the retailer and the wholesaler should be adequate.

Medical Adviser Appointed

THE SECRETARY also explained that the C.F. Standards Committee had recently appointed a medical adviser, to whom a preparation could be submitted for an opinion and report when necessary. A long discussion on the part of the members present followed the secretary's explanation, and it was resolved that the information given by the secretary should be passed to the pharmaceutical Press with a view to publication.

A suggestion submitted by the C.F. Council asking manufacturers to extend their C.F. agreements to cover the Channel Islands was adopted.

The C.F. Council submitted a proposal for the title of the Chemists' Friends Association should be amended to "The Chemists' Federation of Manufacturers, Wholesalers and Retailers of Medical and Pharmaceutical Products." THE PRESIDENT and VICE-PRESIDENT, supported by several members of the Council, submitted a resolution in favour of the change of title. MR. PECK (treasurer) said that he would have some regret if the old title disappeared. He felt that there was a great value in an association which showed its origin by its title. MR. G. A. MALLINSON expressed the view that, if it was ultimately decided to change the title of the Association in the manner suggested, the Chemists' Friends should be retained. Manufacturers present showed their unanimous approval of the change by a show of hands.

THE SECRETARY asked for the confirmation of the formal election of the four

members mentioned above, and this was unanimously carried by a show of hands.

Display of Non-C.F. Products

MR. JAMES McCLENAHAN (secretary, Ulster Chemists' Association) reported that there had been some concern shown by chemists in Northern Ireland during the past two years at the display by chemists of products not included in the C.F. list. It was resolved that this was a matter for consideration by the C.F. Council, to see how far some further publicity was necessary concerning the position of chemists under the constitution and rules as now drawn up.

The meeting closed with a vote of thanks to the chairman, proposed by the representative from Paines & Byrne, Ltd., who said that he had been most impressed by the capable and friendly way in which the president had conducted the meeting.

SURGICAL INSTRUMENT MANUFACTURERS

The annual meeting of the Federation of Surgical Instrument Manufacturers was

held in London on January 23, when the chairman (MR. MARK C. RIMMER) surveyed the year's work. MR. Rimmer said that during his term of office Britain had witnessed the end of warfare, and had experienced a change of government. Both events had affected everyone and would do so in the affairs of all. "The



Mr. David L. Hatrick

many problems which confront us can, in my opinion, only be handled effectively by strong and united trade organisations, which should work together and show a united front to the government, and so safeguard the interests of the British surgical instrument industry." THE CHAIRMAN thanked members of the Committee who had represented the Federation on the various Surplus Stores Panels. During the year, said Mr. Rimmer, he had been chosen by the Government to represent the Federation in a team which had investigated German production methods for surgical instruments; the team had recently

returned from Germany and its report would be published in the near future.

MR. David Hatrick had been asked by the Government to become a member of the team for investigating German syringes and hypodermic equipment; unfortunately the team had left at short notice, and Mr. Hatrick had found it impossible to go. His place had been taken by Mr. Burrows.

The following officers were elected for the year: MR. E. W. Philpott (Geo. Carsberg Ltd.), *President* (re-elected); MR. Mark C. Rimmer, *Vice-president*; MR. David L. Hatrick (E. J. Peirce & Co. (London) Ltd.), *Chairman*; MR. Mostyn Brown (C. Davis Keeler), *Vice-chairman*.

The *Executive Committee* was re-elected with the addition of two extra members: MR. Geoffrey R. Rimmer (Rimbros, Ltd.) and MR. Temy (Scholl Manufacturing Co., Ltd.). MR. Mark C. Rimmer was elected to serve on the Committee, to fill a vacancy created by MR. Mostyn Brown's promotion to the vice-chair. MR. Philpott was elected the Federation's representative to the Federation of British Industries.

Science Marches On.—"Although much remains to be discovered about D.D.T., America has already found one of its unexpected properties. It makes what is known as a 'Mickey Finn.' A drop of D.D.T. in a mild alcoholic drink makes it as potent as a long stiff drink of the fiercest liquor."—"Evening Standard."

MEDICAL ABSTRACTS

Ascorbic Acid in "Bachelor Scurvy."—Four severe cases of "bachelor scurvy" associated with anæmia, and their treatment with ascorbic acid, are reported by Gottlieb in the "British Medical Journal" (1945. II. 119). The cases were old men, aged seventy to eighty, living alone on a diet markedly deficient in vitamin C.

Synthetic Quinidines.—The shortage of quinidine has led to an energetic search for synthetic substitutes in the treatment of auricular fibrillation. Dawes ("British Medical Journal," January 12, 1946, p. 43) describes a method for measuring the potency, as substitutes for quinidine, of the drugs now being brought forward, using the isolated auricles of the rabbit. He finds that pethidine and some other compounds possess both local anæsthetic properties and a quinidine-like action on the auricle. Butethanol is more than ten times as active on the auricle as is quinidine. The work done so far seems to show that transmission of excitation is essentially similar in auricle and sensory nerve (and possibly in the walls of the intestinal tract), in that it is susceptible to a reversible depression by the same drugs.

Penicillin for Local Application.—Vehicles for the local application of penicillin, such as an aqueous solution or a suspension in a Lanette-wax or stearate type of base, are not completely satisfactory. Perryman ("Lancet," 1945. II. 778) suggests the use of polyvinyl alcohol (P.V.A.) as a suitable alternative medium in the local therapy of septic wounds and burns. P.V.A. is a creamy white powder stable to heat up to 160° C., with little taste or odour, and readily soluble in water producing solutions of varying viscosity. The solutions do not "gel" on standing, and films produced by evaporating the water from dilute solutions are colourless, transparent, flexible, and very resistant to oils, fats and most organic solvents. An *in-situ* gelling technique for infected sinuses using P.V.A., penicillin and congo-red is described in detail.

DDT Poisoning.—Experiments recorded by Case ("British Medical Journal," 1945. II. 842) show that exposure of oily surfaces of the skin to DDT produced definite toxic effects, including an increase of erythrocyte destruction, and a decrease in the main corpuscular hæmoglobin, together with tiredness, heaviness and aching of the limbs. The first reported fatal case of human poisoning by the compound

is that of a child, the son of a West African soldier; death resulted from drinking 100 ml. of a 5 per cent. solution of DDT in kerosene. The child, aged one year and seven months, weighed 10 kilos, so that the amount of DDT taken (gr. 22) represents about 2.2 mgm. per kilo body weight. The child took the DDT at 11 a.m. and began to vomit and vomit ten minutes later; he was given palm oil by the neighbours, but was seen by the medical officer until about 1.30 p.m. and died one and a half hours later. Death was due to pulmonary oedema probably from paralysis of the respiratory centre.

Copper-soap Compounds for Phosphorus Burns.—The threat of damage by phosphorus-containing incendiaries, and the prospect of having to deal with a number of casualties in a mental institution, led McCartan and Fecitt ("British Medical Journal," 1945. II. 316) to devise a preparation suitable for first-aid treatment of phosphorus burns. The requirements to be fulfilled were that the preparation should be readily available in a compact form, and the remedies contained in one compound; it should immediately extinguish the phosphorus, and any active phosphorus pentoxide and phosphorus acids; it should be viscous and adhere to the skin, and holding the particles of phosphorus in suspension and it should be easily removed by water. A further consideration was that as phosphorus pentoxide combines with water with great avidity, and with the production of intense heat, a high proportion of water was desirable in the compound, since a film of water sufficient to extinguish a phosphorus flame might not be adequate to provide the pentoxide with enough water to supply its needs, the result being calls upon tissue fluidity, thus causing further damage. The preparation ultimately decided upon was prepared as follows: A 25 per cent. solution of copper sulphate in water was made, and heat was applied in a boiling flask to give a final content of 4 per cent. copper salt. Soft soap was heated in a water bath and the copper sulphate solution added, with constant trituration on a slab. The copper precipitates oleates, and is thoroughly incorporated between each addition. The resulting compound is a tacky, homogeneous mass, samples of which have kept satisfactorily for at least twelve months. *pH* of the compound, determined electrically, is 8.65 at 19° C. and 8.24 at body temperature.

PHARMACY INTERVIEWS THE MINISTER

MONDAY of this week, at three in the afternoon, representatives of the craft and practice of pharmacy visited the Ministry of Health, Whitehall, London, to interview the Minister. There—in strict confidence—Mr. Aneurin Bevan, the new architect of the National Health Service, made known what place he had allotted to pharmacy in the scheme of things. There too, without a doubt, pharmacy's official spokesmen made their representations and voiced criticisms, whilst sectional interests raised points of concern to their constituents. On the outcome of the interview may depend pharmacy's fate for a century to come.

The Delegates Arrive

The Minister himself arrived alone in an official Daimler at 2.30. Then,



The First to Arrive: Messrs. W. J. Tristram, A. R. Melhuish and G. A. Mallinson.



DEPUTATIONS AT ONCE.—Arriving simultaneously, pharmacy's official deputation and the representatives of the Company Chemist Association mingled amicably enough in a group photographed on the steps of the Ministry of Health prior to the conference. Front row, left to right, Messrs. C. A. Buick; G. I. Rushton; J. Armitage; F. W. M. Bennett; A. Sugden; A. J. Espley; and G. A. Mallinson. Second row, Messrs. I. V. Rushton; H. N. Linstead, M.P.; J. F. McNeal and F. G. Wells. Third row, Messrs. J. Moore; E. A. Brocklehurst; J. C. Young; W. J. Tristram; A. R. Melhuish. At rear, Messrs. D. E. Sparshott and A. A. Meldrum.

shortly after 2.45 the delegates began to appear—not, as had been hoped, together, for unforeseen difficulties prevented this. First on the scene were a trio from the National Pharmaceutical Union: Mr. Tristram, smiling and confident, Mr. Melhuish, seasoned and unmoved, and Mr. Mallinson, understandably anxious. The rest appeared in ones and twos. Mr. F. W. Adams, the Society's deputy secretary—not an official member of the deputation—avoided being photographed and disappeared inside to smooth the way for the delegates. Mr. Linstead, who had a car to park, was one of the last. Before the deputation was complete, members of a second group—the Company Chemists' Association—arrived and mingled with the first, while THE CHEMIST AND DRUGGIST photographer got ready his camera. There were thus assembled on the Ministry's steps the following delegates:—

JOINT COMMITTEE ON A NATIONAL PHARMACEUTICAL SERVICE: Messrs. J. W. C. Bennett (Pharmaceutical Standing Committee, Scotland), E. A. Brocklehurst (Pharmaceutical Society and National Pharmaceutical Union), C. A. Buick (Scottish Pharmaceutical Federation), H. N. Linstead, O.B.E., M.P. (secretary, Pharmaceutical Society), J. F. McNeal (Pharmaceutical Society), G. A. Mallinson (secretary, National Pharmaceutical Union), A. A. Meldrum (Pharmaceutical Society), A. R. Melhuish and W. J. Tristram (Pharmaceutical Society and N.P.U.), F. G. Wells and J. C. Young (Pharmaceutical Society).

GUILD OF PUBLIC PHARMACISTS: Mr. J. Moore.

NATIONAL PHARMACEUTICAL EMPLOYEES' UNION: Mr. G. H. Armitage.

WHOLESALE DRUG TRADE ASSOCIATION: Mr. I. V. L. Fergusson.

COMPANY CHEMISTS' ASSOCIATION: Messrs. A. J. Espley, G. I. Rushton, D. E. Sparshott and A. Sugden.

Third Deputation

When the two deputations, whose arrival simultaneously must not be taken necessarily as evidence of unanimity, entered the conference room, delegates from yet a third deputation, the Co-operative Union, were already present. They included Messrs. Dobson and Walsh. The Minister was supported by the Secretary of State for Scotland (Mr. Joseph Westwood)

and by seven permanent officials. It was understood that Mr. Bevan made a statement, after which numerous questions were raised by delegates, all of them frankly answered by the Minister, replies were given spontaneously, with the need for consulting his professional advisers. After approximately an hour a quarter the interview was officially over and the Minister left. Private discussions, however, continued for a little longer.

No Publicity

No statement is being issued by the Minister on the outcome of the negotiations, and neither Mr. Linstead nor Mr. Mallinson was prepared to make comment upon the discussion. In fact they are under a certain obligation to maintain silence, at least until the text of the Government's Bill is published.

INSURANCE ACT DISPENSING

Blackburn.—The latest quarterly figures show that Blackburn is the third highest Insurance Committee in the area in average cost per insured person, the figure being 15.83d.

Northamptonshire.—At a meeting of the Insurance Committee on January 31, it was stated that the dispensing hours in Wellingborough and Kettering areas are not being extended at present. Some satisfaction had previously been expressed by residents in those areas.

Denbighshire.—The number of chemists under contract with the local Insurance Committee is now 201, representing 18 pharmacies. Eighteen persons or firms are registered for the supply of appliances. During the twelve months covered by the Committee's recently issued annual report, £27,878 was paid to chemists for drugs and appliances. Prescriptions issued totalled 1,013,531, and their average cost was 12.6d., against 1,050,616 and 11.4d. respectively in 1944.

Lancashire.—The latest quarterly figures recorded by the Prescription Bureau show that 518,997 prescriptions were dealt with against 585,337 in the corresponding period of 1944. The costs for the quarter in years 1945, 1944 and 1943 were £29,921 (£16,750), £29,921 (£16,942) and £27,671 (£15,248). The average costs per prescription were: 1945, 13.81d.; 1944, 12.27d.; 1943, 11.75d. The average cost per insured person were 14.74d., 14.4d. and 13.48d.

REGISTRAR'S REPORT

Following items are taken from the report for the year 1945 prepared by the Registrar of the Pharmaceutical Society of Great Britain (Mr. H. N. Linstead, B.Sc., M.P.).

Practicing and Membership

The number of persons registered during the year is again greater than in the previous year, but there has been no increase over the preceding years in the percentage of women, which remains at 52. Although representations have been made by the Registrar to the Ministry of Labour and National Service that reservation should be accorded to men now entering pharmacy, the position at the end of the year was that the whole question of student reservation was under consideration. The Council has, as from July 1, 1945, to apply the list of premises registered under Part I of the Pharmacy and Poisons Act, 1933. The conditions formerly applied only to retail premises and manufacturing laboratories. At the end of the year 291 applications for approval had been granted.

There is again an increase in the total number of names on the Registers. This includes the names of pharmacists in H.M. Forces, the majority of whom are in the later age and service group, so that, at the end of the year, pharmacy has benefited only to a small extent from the demobilisation of Service personnel. Nineteen pharmacists have been registered as chemists and druggists under the arrangements for the reciprocal recognition of qualifications.

There has been a slight decrease in the number of candidates presenting themselves for the Intermediate and the Chemist and Druggist Qualifying examinations, but the proportion of "passes" and "failures" is comparable with that of the preceding years.

Pharmacy Act Enforcement

During the year the inspectorate has been brought up to the strength originally provided by the Privy Council by the appointment of those serving in H.M. Forces to new appointments. The addition of staff is reflected in the increased number of shops visited. The Society has been under contract to inspect premises of 14 local authorities. It is now necessary to institute proceedings less frequently, though cases taken to court are of a graver kind. In 1938 proceedings

were instituted in 151 cases, with a resulting average penalty of just under £3, whereas in 1945 there were 41 cases with an average penalty of just over £10. The facts indicate a higher level of general observance of the Pharmacy Acts and that the Courts are prepared to take a serious view of cases now brought. The progressive drop in numbers of offences is an indication of the value of the legislation. The shortage of pharmacists in civilian life is reflected in an increase in proceedings for the sale of poisons in the absence of personal control of a pharmacist, but the cases cannot be said to be unduly frequent. The inspectors report in general a high degree of observance of the law on the part of authorised sellers.

Poisons Rules and List

With the return to normal conditions it may be found expedient to review the Poisons Rules, 1935, and the Poisons List in the light of the experience of the past ten years, and at the close of the year recommendations for submission to the Poisons Board were in the course of preparation by the Society. The increasing use of sulphonamides and their derivatives in particular appears to call for modification of legal requirements governing their sale. The sale of disinfectants which claim to be outside the scope of the Act and which are of uncertain toxicity also indicates a need for the reconsideration of the definition of phenols. Representations from public health authorities have also been received concerning the sale of dilute solutions of ammonia with an ammonium content of less than 5 per cent., to which the safeguards set by the Rules do not apply. New therapeutic agents which may possess toxic properties have come into use.

Pharmacy and Medicines Act

The scrutiny of newspaper and periodical advertising has been maintained on a wide scale but it has only been necessary to seek the Attorney-General's consent on one occasion to a prosecution in respect of advertisements referring to diseases mentioned in Section 8 of the Act. There have been three cases concerning advertisements infringing the provisions of Section 9, which prohibits advertisements relating to abortion. It therefore appears that in the course of the five years since the Act was introduced the advertisements struck at by these sections have almost ceased.

ABRAC

INDUSTRIAL DEODORANTS

Is White Lilac compatible with White Spirit?
Or Poppy with Paraffin?

ABRAC
would know!

A. BOAKE, ROBERTS & CO., LTD., LONDON, E.15. (BUCKINGHAM 6483) Sole Agent

TRUTH ABOUT DDT

Every pharmacist should read "Truth about D.D.T." by G. A. Campbell, M.Sc., and T. F. West, Ph.D., M.Sc., the first authoritative illustrated work on this subject. Obtainable at most Smiths and other bookstalls or direct for 1/2 post free from Findon Publications, Ltd. (Room D), 2, Carmelite Street, London, E.C.4.



Metaldehyde

BRITISH MADE

SAFE SOLID FUEL SLUG & SNAIL KILLER

IN PACKETS, 1/3, 2/4, 5/6

Obtainable from
Chemists, Ironmongers & Seedsmen
Sole Concessionaires for the U.K.
and Eire

H. R. NAPP LIMITED

3 & 4, Clements Inn, London, W.C.2

CUSTOMERS KNOW ..

There is something to be said for Herbalene, the finest of natural laxatives with amazing tonic properties.

1. Herbalene is entirely natural in both composition and action. . . .
2. Herbalene conforms to nature-cure principles—is gentle, non-habit-forming. . . .
3. Herbalene is approved and recommended by all doctors advocating natural methods of healing. . . .
4. Herbalene is safe for young and old. . . .
5. Herbalene succeeds where other "remedies" fail. . . .

Customers know. That is why they prefer Herbalene, the ideal laxative, to others. See that you are well supplied.

Inquire of your wholesaler or direct from:—
LUSTY'S NATURAL PRODUCTS CO.,
278-280 London Road, Westcliff-on-Sea, Essex

BURROUGH'S ABSOLUTE ALCOHOL

1 Cale Distillery
London, S.E.11

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SPECIALISTS IN B.P. POWDERS
SAMPLES AND PRICES ON REQUEST.

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane
London, E.C.3.

MANsion House 1924 & 6600.

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THE NATIONAL ASSOCIATION OF OPTICIANS

The next examination will be held at Edinburgh in May 1946. Further particulars later.

SYLLABUS and ENTRANCE FORMS etc. from
SECRETARY, N.A.O., 130 Princes Road, Liverpool

FENNINGS' PATENT OVER 80 YEARS REPUTATION

Children's Powder
ADVERTISED EVERYWHERE. READY SALVE
ALFRED FENNINGS, COWES, I.W.

CACHETS "FINOT"
17 Sizes to fit various types of machines

Adapted for Headache, Neuralgia and other powders

COOPER SON & Co.
120 Gloucester Road
LONDON, S.W.

GLASS BLOWING

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LABORATORY AND INDUSTRIAL
GLASS APPARATUS. (Also REPAIRS)

G. C. AIMER & CO., 56-8 ROCHESTER PLACE
GUL. 3618 CAMDEN RD., W.

British Made AMPOULE FILES are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION LTD.

"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD,

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

for TAILOR — WHOLESALE — MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Scotland and of other Chemists' Societies in the Empire

VO XLV FEBRUARY 9, 1946 NO. 3444

Destiny's Hour

ALTHOUGH no statement is being made by any party to the discussions at the Ministry of Health on February 4 (see p. 177) that a part pharmacy is to play in the National Health Service shortly to be debated in Parliament is already known to the few, namely the members of three deputations interviewed simultaneously "to save time." The Minister's pronouncement at the interview, it is understood, was brief. He received and addressed the deputations on pharmacists' part in the National Health Service with courtesy, charm and a complete mastery of his subject. Thereafter most of the time was taken up in enumerating numerous points of detail raised by the deputies, and in hearing, through the official delegates of the craft, afterwards the independent viewpoints of the other deputations. It would be needless for us to conjecture what took place, but the mandate of the Joint Committee is well known and they went with the confidence of a majority of the craft. In fact, it may be taken that no publicity will be given from any source of any of the proposals until the text of the Bill is made available from H.M. Stationery Office. It may be that some of the points will break out in Branch meetings, at which persons present at the interview may be the speakers. In effect, however, the die is cast, and further discussion will be confined to the House of Commons.

Quotas by Result

It has fallen to the lot of one of our youngest and most efficient industries to take to the Government a proposition that strikes a new note in British trading practice. Briefly, the scheme outlined on p. 167 for a substantial increase in exports of toilet preparations places upon the industry as a whole the onus of proving its worth in the export field, with higher home quotas as the reward for its efforts. Two main points in the scheme should be carefully noted: (1) no one manufacturer will benefit until the industry as a whole achieves the expansion required; (2) the amount of additional home trade allowed will be proportionate to the value of the manufacturer's 1946 exports and will increase progressively as exports reach higher levels.

Need to Clear the Way

While there is not the slightest doubt that the toilet preparations industry can reach the export figures given in the report—£1,250,000 rising to £2,000,000 annually—it would be over optimistic to assume that these totals can be achieved without difficulty. No one would dream of starting an express train on its journey without first ensuring that all obstacles were removed from the line and all signals set at clear. Yet there is no evidence that the bottlenecks and impediments in the toilet preparations industry have been removed. In fact, an indication that they still exist may be adduced from the statement by the chairman of the Federation that the industry "would have to look to the Board of Trade to assist them in obtaining adequate supplies of the raw materials and containers needed for its exports." It is to be hoped that the Board of Trade and any other Government department involved will take due notice of Mr. Matchan's plea.

Difficulties to be Overcome

So far as the scheme has been explained it would appear that a manufacturer's chances of increasing his home trade depend on his ability to raise his export figures, as a result of which increase his home quota would automatically rise. Given normal working conditions this method seems to ensure a fair reward for

services rendered. Some manufacturers, e.g., those whose factories are still requisitioned or who cannot obtain sufficient plant and equipment, may find themselves at a temporary disadvantage. The shortage of raw materials and containers requires no further emphasis but until this deterrent is effectively removed the scheme will obviously meet with little success.

Pleasing the Customer

While the quality of British-made cosmetics will stand comparison with those of any other country in the world, the same cannot always be said regarding their presentation. Many British products are still in their war-time dress, due to shortage of labour and packing materials. It would be unfortunate if any attempt were made to place such temporary packaging in competition with more attractive foreign presentations, but this can only be avoided by the maximum amount of assistance from official quarters to ensure that the industry gets quickly off the mark with the most attractive cosmetics that skill and experience can produce.

"Vetted" Proprietaries

A QUERY raised by a manufacturer at the annual meeting of the Chemists' Friends Association (see p. 174) has resulted in the issue by the Association of a pronouncement on the system of approval of preparations followed by its Standards Committee. Products submitted are classified A or B according as they are "ethical" (i.e., not advertised to the public) or advertised and intended for sale as counter lines. So far as class A products are concerned, the Committee investigates their formula and therapeutic claims only if it has cause not to be satisfied as to the status and history of the manufacturer or as to the pharmaceutical soundness of the product; that medical evidence is available, if required, in support of claims made; that pack and presentation are beyond objection; that the retail price is not exorbitant; and that the terms are adequate. A more stringent test is applied to the "popular" advertised proprietaries. These must satisfy the Committee on the points already enumerated; in addition the formula must be pronounced suitable for the intended

purpose; the package must be "in keeping with pharmaceutical practice; the made must be fair; and the value of the money must be reasonable.

The discrimination is justified prime responsibility with "ethical" proprietaries lies obviously with prescription. Where the public requires protection the pharmacist's good name some safeguard against exploitation, is in the class of whose sales are built up entirely or mainly by publicity. It may be that on occasion a decision by the Committee on one or more of the points listed would be involved beyond the capacity of its members the decision to retain a medical advertisement submit reports on products when required to do so is wise. By such method letters CF attached to a preparation come to have real meaning and value in the eyes of the public, and pharmacists will have less to fear from a flood of the market with inferior proprietary traders interested only in profit.

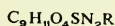
Fool's Parsley

AN unusual cause of poisoning was reported in connexion with a recent inquest on the body of a woman who was stated to have taken poison obtained from the seed of fool's parsley. This umbelliferous plant is known also as the "lesser hemlock," the subject of a chemical investigation carried out in 1905 by Power and C. & D., 1905. II. 268) who found a small amount of a volatile alkaloid, or possibly a mixture of alkaloids, having the peculiar characteristic odour of coniine, thus confirming the earlier work of Walz (1859) who found the fruit of this plant "contains a volatile base, very similar in odour and chemical behaviour to coniine, and probably identical with it." Fool's parsley (*Aethusa Cynapium*) seems to have been the cause of some confusion of identification in the past. Withering is stated to have recommended the cultivation of the curled variety of fool's parsley in order to obviate the possibility of error. The plant, according to Walz in the C. & D. (1905. II. 701), was a frequent intruder in gardens, but was severely disliked by every slug or caterpillar and is refused with aversion by horses, and the domestic fowl."

CHEMISTRY OF PENICILLIN

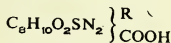
ing of the veil of secrecy that has led the story of the chemical structure of penicillin has been eagerly awaited by those who have not been intimately concerned with penicillin problems. The summary of the results obtained to date of 1944, issued jointly by the Research Council and by the Commission Medical Research of the United Kingdom and published in "Nature" (1945), gives a welcome indication of the progress which has been made in the last few years that have elapsed since Florey and his collaborators demonstrated the therapeutic importance of penicillin. It also provides another illustration of the immense value of extensive collaboration between scientific men of differing facilities and with differing facilities at their disposal. The whole armoury of chemical and physical research weapons is now used in this concerted attack on the penicillin molecule and results of the greatest importance have come equally from academic and industrial laboratories in Britain and the United States.

The story was complicated, first by the difficulty of obtaining pure specimens of penicillin, and then by the realisation that the various antibiotics of the penicillin class differ from each other only in the nature of different side-chains to a common fundamental structure. This common empirical formula is



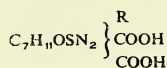
R stands for the side chain. Four penicillins are now characterised; in two R is alkyl and in two it is aryl (see below).

The penicillins are strong monobasic acids and may be represented thus:—

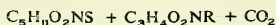


On treatment with alkalis the penicillins are hydrolysed to dicarboxylic acids called penicilloic acids, the second carboxyl group

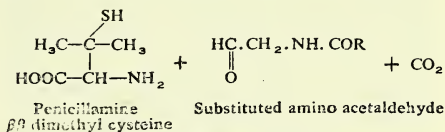
being obtained by the opening of a previously closed ring. The penicilloic acids may be represented thus:—



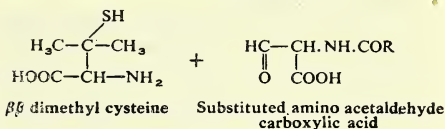
On treatment with hot dilute mineral acids the penicillins are hydrolysed through the penicilloic acids into two principal components and carbon dioxide. The products are represented thus:—



The left hand moiety is obtained from all the penicillins and is an amino acid. It is known as penicillamine and has been characterised as *d*- β -dimethyl cysteine. The other major derivative, differing with each penicillin according to the side-chain, has been found to be a substituted amino acetaldehyde. The products of penicillin hydrolysis may therefore be represented



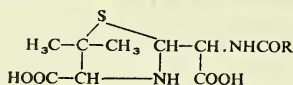
It was then found that the substituted amino acetaldehydes were derived from the decarboxylation of substituted amino acetaldehyde-carboxylic acids and that the products of penicillin and penicilloic acid hydrolysis may be depicted thus:—



Since it was known that in the penicillins and the penicilloic acids there are no free sulphydryl, amino or aldehyde groupings it seemed probable that the above molecules are combined through these groupings and that the penicilloic acids for example may

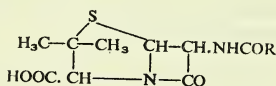
Name	American Name	Structure of R
Penicillin I	Penicillin F	Δ^5 pentenyl
Penicillin II	Penicillin G	benzyl
Penicillin III	Penicillin X	<i>p</i> -hydroxy benzyl
	Penicillin K	<i>n</i> -heptyl
		$—CH_2 \cdot CH=CH \cdot CH_2 \cdot CH_3$
		$—CH_2 \cdot C_6H_5$
		$—CH_2 \cdot C_6H_4 \cdot OH$
		$—CH_2 \cdot CH_2 \cdot CH_2 \cdot CH_2 \cdot CH_2 \cdot CH_2 \cdot CH_3$

be represented thus :—



Penicilloic acids

One of the carboxyl groups of the penicilloic acids is derived by the opening of a ring in the original penicillin. It thus seems probable that the penicillins have the following structure :—



Penicillins

The action of various other chemical reagents on the penicillins tends to confirm the essential correctness of this formula.

Several of the breakdown products of penicillins have been characterised by synthesis, but so far attempts to synthesise penicillins themselves have been unsuccessful. It is interesting to note that *d*-β-β-dimethyl cysteine obtained on lysing the penicillins is of the *d* or *l* configuration. The presence of unusual amino acids in the molecules of antibiotics has previously been demonstrated.

This over-simplification of the matter which the probable structure of the penicillins has been elucidated gives an interpretation of the enormity of the problem, of the endless thought and the technique which it involved, and the extraordinary success with which thought and technique have been rewarded. The full accounts of the work so far recorded so far and of the further done since 1944 are awaited with interest.

IRISH DRUG ASSOCIATION ANNUAL MEETING

MEMBERSHIP of the Irish Drug Association on December 31, 1945, stood at the record figure of 786—an increase of over 100 members during the past two years; in the twelve months of 1945 the committee of the Association dealt with 7,000 letters, and circulated 706 price changes. These were among statistics given by Mr. Lyall G. Smith (president), to the annual meeting of the Association held in Dublin, on January 29, when, in addition to members from Dublin city and county, provincial representatives were present from Cork, Limerick, and elsewhere.

President's Address

In his address Mr. LYALL SMITH said : " It was realised at the annual meeting twelve months ago that the end of the war in Europe was in sight. In view of the disorganised conditions then likely to arise, it was realised that the Association would be called on for even greater efforts than previously. The year that has passed has been most strenuous.

The work undertaken by the local Associations is much appreciated by the committee. I hope that when normal travelling facilities are again available we shall see their delegates more often in Dublin. I regret that in some areas the principles of the Association are not being so strictly observed as they might be. The Association will not tolerate this state of affairs, and will take steps to bring into line people who cut prices or pass on approved lines to

outside traders. I would give a warning to local Associations which contemplate fixing prices for themselves. Don't. First, to do so conflicts with the rules of the Association; secondly, they may be at variance with an 'approved price' or Standstill Order.

The Joint committee composed of salers and retailers met frequently during the year and a circular on the approved list issued in April, and advertisements in THE CHEMIST AND DRUGGIST are some of their efforts. Numerous manufacturers who intend to market their products through the medium of Irish chemists are wisely getting in touch with the Association. On several occasions lately it has been brought to the notice of the committee that advertising agents are sticking up prices for non-approved lines on chemists' shelves; to allow them to do this is contrary to the spirit of the approved list. During the year the Association approached by the Dublin Corporation Department of Public Health, and for co-operation in drawing up a scheme to supply medicines to tubercular patients in the Crumlin and Cabra areas. The approach to the matter was that we should not consider the contracting on behalf of any individual chemist in these areas; it must be open to all members to supply the prescriptions. As a result, any chemist in the prescribed areas may now dispense the prescriptions. These they forward to the Association, which collects payments

CANADIAN NOTES

Canadian Trade with Sweden.—The possibility of a large increase in Canadian exports to Sweden was foreseen by Mr. J. H. Benzian, senior partner of Erik Lindbloom & Co., chemical merchants, of Stockholm, who is in Montreal to purchase Canadian pharmaceutical and chemical products. Mr. Benzian is trying to arrange for the export to Sweden of Canadian nickel, copper and cobalt, of regular supplies of potato starch and of silver nitrate.

Canadian Seasickness Remedy.—An improved remedy for seasickness may result from research now being carried out, it was disclosed in the Canadian House of Commons recently. The Hon. C. D. Howe, Minister of Munitions, in a written reply, said: The seasickness remedy was made for the Navy by a commercial firm according to a formula accepted by the Naval Department. Further research indicates that a change in the formula may produce a more satisfactory remedy and the research group in charge has recommended that this work be completed before the product is released.

Increase in Multiple Drug Stores.—Results of the annual survey of retail multiple drug stores made by the Dominion Bureau of Statistics show that there were twenty-nine such companies operating in Canada in 1944, and these had a total of 323 retail outlets with \$23,004,500 sales. This represents an increase of 4.6 per cent. over the volume of business transacted in 1943 by thirty-two multiple companies which operated 341 stores. The increase in drug multiple sales in 1944 over the preceding year compares with an estimated average increase of 8 per cent. for all drug stores, including both multiples and independents.

Vitamin Labelling Requirements.—Five additional vitamin products have been brought under revised regulations of the Canadian Food and Drugs Act. The products are pyridoxine (B_6) or its biologically active salts; pantothenic acid, dextro-rotatory, or its biologically active salts; biotin; vitamin E and vitamin K. Under the revised regulations, which replace and clarify those in force since 1942, labelling, maximum and minimum vitamin-content, controls are imposed, and restrictions are placed on the allowable claims which manufacturers may make for their products. The regulations apply to imported vitamin preparations as well as those manufactured in Canada, and to vitamin foods as well as to drugs.

Pancreas Shortage Predicted.—Dr. Best, co-discoverer of insulin, to student body of Ontario Agricultural College at Guelph recently, that there has been a steep rise in the use of insulin. They no longer had in Canada an adequate source of pancreas, and there might be an acute shortage within the next few years. He recommended that pancreas should be salvaged from the hundreds of small slaughterhouses across the country. It could be stored and kept until needed. During the war, he said, there was no insulin for the diabetic children of Europe, and with peace the probable distribution would increase the demand and strain the supply.

Canadian Penicillin Position.—In reports by druggists in Toronto of a critical "temporary shortages of penicillin" there is no alarming shortage in Montreal or generally throughout Canada. A representative of a large drug supply company said that a shortage does exist to some extent in the United States and that questions are being asked about the matter by Congress. However, he added, Canada is "particularly fortunate" in having adequate supplies available. Any temporary local shortage would be due, he thought, to faulty distribution. The same was explained that the United States shortage is due to the fact that with the end of the war great quantities of the drug were exported to world areas where it was needed. This, he said, resulted in a situation where the world needs are temporarily ahead of its capacity to produce. Since the U.S. produces the bulk of the present supply of penicillin it does not at the moment have a definite, but temporary and not very grave, shortage. An example of how Canada is also helping to solve world needs for the drug was the receipt of news that an R.C.A.F. Dakota, which arrived safely in Warsaw, Poland, with a 4,800-lb. load of penicillin in concentrated powder form. The plane was the first to set out with shipments of the drug needed in Poland. Three of the planes had arrived safely but another crashed near Munster, Germany, and all the members of the crew were killed. The penicillin was loaded on the Dakota after it had flown to Prestwick, Scotland, by R.C.A.F. Liberator. The load brought three billion units the amount of the drug flown from Canada to Poland.

OVERSEAS TRADE NEWS

Drug Imports.—Imports of drugs, toilet products and toilet preparations from Sudan during 1944 were valued at £1,070.

Cinchona Exports.—Exports of cinchona bark from Ecuador from January to August 1945 amounted to 209,125 kilos, representing a heavy decline from the previous year's figure.

Nutmeg Crop.—The Grenada nutmeg crop for the year ended September 1945, totalled 4,000 bags, or 400 tons less than the previous year. The decrease has been due to adverse weather conditions.

Retail Sales in 1945.—Retail sales in the United States for 1945 totalled over \$100 million, \$5,000 million over the corresponding period of 1944, according to preliminary estimates by the U.S. Commerce Department. Retail sales during the fourth quarter of 1945 totalled \$22,000 million.

Oil Exports.—According to U.S. Customs, the following oils were exported from the Seville district of Spain during the period January–October 1945: cade, 1,330 lb.; eucalyptus, 21,058 lb.; origanum, 1,204 lb.; rosemary, 81,569 lb.; spike, 141,091 lb.; thyme, 26,000 lb.

Business Prospects.—American business men anticipate peace-time activity of proportionate proportions in 1946 once the labour-management differences are settled. Shipments of some consumer goods in December were running from 10 to 30 per cent. above November, and pre-war levels for most consumer goods could, it is expected, be reached by June.

Rhodesian Foreign Trade.—During the first nine months of 1945 Northern Rhodesia imported drugs and medicines to the value of £592,998, compared with £521,633 in the corresponding period of the previous year. During the same periods exports of the same class of commodities were valued at £47,719 and £2,200 respectively.

Foreign Trade.—The U.S. Department of Commerce stated on January 27 that U.S. foreign trade during the first nine months of 1945 totalled \$7,320 million, or 25 per cent. less than the total for the corresponding period in 1944. The decline reflected principally decreased Lend-Lease exports. Exports for consumption during the first nine months of 1945 totalled \$2,811 million

or 8 per cent. more than in the corresponding period in 1944. The increase in imports occurred principally in some foodstuffs, in semi-manufactured articles such as cut diamonds, industrial chemicals and fertilisers, and in a comprehensive range of finished products.

Swiss Drug Industry Outlook.—Discontinuation of the Swiss semi-official chemical imports syndicate is evidence of the improvement in supply which the Swiss chemical and pharmaceutical industry has experienced since the end of the war. There are still shortages of basic chemical materials, the coal situation remains tight, but the overall picture is a brighter one. White soft paraffin has again become available on the market and supplies of adeps lanae are now obtainable. Among products received in Switzerland from the French colonies are gum arabic, vanilla stalks, beeswax and carnauba wax. Turkey has resumed shipments of some goods, while the U.S. are supplying considerable quantities of borax. The production of vanillin, which had had to be reduced due to the shortage of eugenol and guaiacol, has now been resumed on an adequate scale, resulting in a fall in price. Also brighter is the outlook for phosphates.

Continental Penicillin Factories.—A Reuter dispatch states that the latest plans for the adequate supply of penicillin to all who need it include the setting up in three European countries of factories under government ownership and operation. The factories will be established under the auspices of UNRRA with the co-operation of the Canadian Government, in Czechoslovakia, Poland and Yugoslavia. Plans supplied by UNRRA are designed to implement production of between 15 thousand million and 20 thousand million units a month in each factory. The plans were obtained through the co-operation of a Canadian laboratory now producing the drug, while necessary equipment will be obtained by UNRRA in the United States. Each Government will provide its own buildings, and each will send two qualified research workers to the Canadian plant for study and training. UNRRA is sending considerable quantities of penicillin to these three countries, but it is necessary that some provision be made to ensure steady supplies after the international organisation ceases its operations at the end of this year.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include optional marine risk insurance and other abnormal charges payable under present conditions.

28 Essex Street, W.C.2, February 6

TRADING conditions on the London chemical and drug markets are little changed from those outlined in recent reports. Business during the week is described as "moderate but without features" and there have been no important price changes. Makers of PHARMACEUTICAL CHEMICALS again report a routine trade with all prices steady at recent levels. As noted last week, BROMIDES have been reduced.

Crude Drugs

Business of moderate dimensions is reported from the CRUDE DRUGS markets, with no features worthy of special mention. A few price changes have occurred, mostly in an upward direction, but the extent of the movements is not important. A steady request is being received for BENZOIN, but dealers are without supplies; prospects for future shipments of this item are not bright. Offers of refined CAMPHOR are reported from Chinese sources but a high price is mentioned. Similar high prices have recently been asked for CANTHARIDES from the same source, but an even higher rate is now wanted by United States interests offering f.o.b. New York. CARDAMOMS are still scarce and very firm. CASCARILLA is in good demand at last-mentioned quotations. CHILLIES are quiet but tend to be dearer on the spot. CLOVES are steady. ERGOT remains scarce with fair-quality offered at an unchanged price. Rather higher prices are being asked for Brazilian MENTHOL on spot. NUTMEGS continue in short supply. SEEDS are in small inquiry but little business is passing. SENNA tends to be firmer on the spot. Select grades of TRAGACANTH are dearer. CARNAUBA WAX is quoted at higher rates.

Essential Oils

Little of interest has occurred in ESSENTIAL OILS with business in those products outside the scope of the control scheme virtually at a standstill. The Minister of Food announces that there will be no change in the existing prices of UNREFINED OILS and FATS and TECHNICAL ANIMAL FATS allocated to primary wholesalers and large trade users during the four weeks ending March 2.

U.S. Drug Market Report

New York, Feb

THE U.S. Department of Commerce announced the easing of export controls on a long list of chemicals. These may now be exported on general license to all countries in the Western Hemisphere excluding Argentina, and most countries in the world who were at war with the United States between 1914 and 1945. There have been substantial price reductions among TARTRATES as a result of the easy supply position that has existed in these materials, except for ROCHELLE SALT, during the past few months. Offers for Spanish TARTARIC ACID and CREAM OF TARTAR have for some time been at prices considerably below those for domestic products and a somewhat similar situation should develop as a result of the action of the principal manufacturer. A moderate export inquiry has been received for TARTARIC ACID. A better demand for Brazilian MENTHOL evidenced at the middle of the month has petered out; the item is displaying once more the same tone which prevailed for many months. Negotiations are reported in progress for supplies of the commodity from China; it is expected that prices will be in line with buyers' ideas. Prescription drugs continue in good demand while supplies of the SALICYLATES and SULPHA drugs are seriously affected if the steel strike continues much longer. There has been active demand for QUININE. GLYCEROL presents a tight supply situation. Substantial quantities of VANILLIN and COUMARIN are exceedingly difficult to locate. Last year's home-produced grades of AGAR, which suffered considerably from adverse weather conditions, is rapidly almost sold up, only occasional small lots now being offered. MERCURY continues to display a quiet tone despite recent reduction of \$4 per flask for domestically-produced article. Both chemical and botanical drugs are in good demand while replacement difficulties and shortages are tending to force prices higher for many items. Of recent arrivals several are being detained by the Federal Food and Drug Administration, including

and CARAWAY SEED from the hands. Other recent shipments from source include CINCHONA BARK and S. Supplies of CHAMOMILE FLOW-ANDELION ROOT and IPECACUANHA exceedingly tight. A reduction in for CARNAUBA WAX, noted some ago, has been cancelled out by a risk demand for the article. Offer- in Brazil are limited and prices are Further arrivals on the market in LOCUST-BEAN GUM from Spain and N. BERRIES, LIQUORICE ROOT and NTIDES from the Soviet Union. Of 5-46 Brazilian PYRETHRUM crop, imed at 2,000 tons, approximately ons should be available for shipment th U.S. when other commitments have n et. Of particular interest in price lib among ESSENTIAL OILS and ON IC CHEMICALS has been the reduc- n French LAVENDER as a result of aluation of the franc. Chinese OIL for prompt delivery is offered \$ per lb., while similar offerings for IS OIL range from \$2.5 to \$3. (Kwnatsi) ranges between 30 and s for prompt shipment. There are e quantities of CORIANDER and EE ALMOND OILS available on spot n CITRUS OILS continue to display a n ce condition. Recent arrivals of IS ROSE and CARAWAY are stated to about sufficient to meet a mod- nt demand.

Exchange Rates on London

Bank of England fixed rates at the on Wednesday morning were:—

Centre	Quoted	February 6
India	Piastres to £	97½-97½
USSR	Francs to £	176½-176½
Yug	Per Dollar	2½-3½
Gen	Kroner to £	19.32-19.36
nto	Florins to £	7.58-7.62
ris	Francs to £	479.7-480.3
nt	Escudos to £	99.80-100.20
nt	Dollars to £	4.43-4.45
rk	Dollars to £	4.02½-4.03½
nt	Kroner to £	16.85-16.95
ck	Francs to £	17.30-17.40

* Free market rates

Pharmaceutical Chemicals

ANILIDE.—Powder is quoted by makers 1. per lb., and crystals at 2s. 6d.

IN.—Home market prices per lb., in ntes of 28 lb.—1 cwt., are as follows (con- n brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 1. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d.

ASPIRIN TABLETS.—Scales per 1,000, for bulk supplies, are as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

BIARIUM SULPHATE, B.P. (x-ray).—Home market prices per lb., in lots of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.).

BENZYL BENZOATE.—For medicinal purposes at 5s. 6d. per lb.; 7-lb. tins, 4s. 6d.

BISMUTH CARBONATE.—Prices per lb. for the home market, in quantities of 14-lb.—28 lb., are as follows (containers in brackets): 11s. 2½d. (1-lb.); 11s. 1½d. (2-lb.); 11s. 1d. (4-lb.); 11s. (7-lb.); 10s. 11½d. (14-lb.). CITRATE, 2s. per lb. above; SALICYLATE, 6d. per lb. above; SUBGALATE, 4s. 3d. per lb. above; SUBNITRATE, 1s. 2d. per lb. below.

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BROMIDES.—As noted last week, prices have been reduced. New rates per lb. current in the home market for POTASSIUM are as follows:

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. ..	s. d. 3 6½	—	—	—	—
4 lb. ..	3 5½	3 4	—	—	—
7 lb. ..	3 4½	3 3	3 2	—	—
14 lb. ..	3 3½	3 2	3 1	3 0½	—
28 lb. ..	3 2½	3 1	3 0	2 11½	2 10½

SODIUM, 1½d. per lb. less, and AMMONIUM, 1½. per lb. more, than above prices. Prices are net without engagement. Resale clause applies.

CHLORAL HYDRATE.—Current prices are: 1 cwt., 3s. 10d. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; less, 5s. 3d.

ETHYLMORPHINE.—Small quantities are quoted per oz. by makers as follows: BASE.—½ oz., 61s. 6d.; 1 oz., 59s.; 2 oz. 57s. 6d.; 3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.—½ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

GLUCOSE.—Powdered monohydrate for the home trade is quoted as follows: 14 lb.—28 lb., in 14-lb. lots, 11½d. per lb.; 28 lb.—112 lb., in 14-lb. lots, 11½d.; in 28-lb. lots, 10½d.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets):

ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

MAGNESIUM CARBONATE, LIGHT.—Home market prices per lb., in lots of 28 lb.—1 cwt. are as

follows (containers in brackets): 1s. 4d. (1-lb.); 2s. 2½d. (4-lb.); 1s. 1½d. (7-lb.); 1s. 1d. (14-lb.); 1s. (28-lb.). Prices net one month.

MAGNESIUM CARBONATE, HEAVY.—Prices per lb. for the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 7d. (1-lb.); 1s. 5½d. (4-lb.); 1s. 4½d. (7-lb.); 1s. 4d. (14-lb.); 1s. 3d. (28-lb.).

MAGNESIUM TRISILICATE.—Prices per lb. in the home market in quantities of 28 lb.—1 cwt. are as follows (containers in brackets): 3s. 9½d. (1-lb.); 3s. 8d. (4-lb.); 3s. 7d. (7 lb.); 3s. 6½d. (14-lb.); 3s. 5½d. (28-lb.).

MANDELIC ACID.—Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—Smalls are quoted at 2s. 6d. per lb.; winchesters at 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Unchanged at the following prices: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms net, carriage paid station, containers extra and returnable.

PULV. BISMUTH. CO., N.F.—Prices per lb. current in the home market, for quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 2s. 6d. (1-lb.); 2s. 4½d. (4-lb.); 2s. 3½d. (7-lb.); 2s. 3d. (14-lb.); 2s. 2d. (28-lb.).

SANTONIN.—Prices per kilo are as follows (price per oz. in brackets): 25 kilos, £42 (23s. 10d.); 10 kilos, £43 (24s. 5d.); 5 kilos, £44 (24s. 11d.); 2-4 kilos, £45 (25s. 6d.); 1 kilo, £46 (26s. 1d.); 500 gm., £47 (26s. 8d.); 250 gm., £48 (27s. 3d.); 100 gm., £49 (27s. 9d.); smaller lots, £50 (28s. 4d.).

TERPINEOL.—Pure medicinal quality may be obtained at from 3s. 3d. to 4s. per lb., according to quantity.

THEOBROMINE.—Current prices are as follows: ALKALOID.—Smalls, 44s. 6d. per lb.; 7 lb.—28 lb., 43s. SODIUM SALICYLATE.—Smalls, 26s. 6d.; 7 lb.—28 lb., 25s. 3d. Tins extra.

Crude Drugs

ANTIMONY.—Prices and supply position are unchanged. Current rates are as follows: English minimum 99.6 per cent. regulus, £125 per ton; 99 per cent., £117 10s., delivered; 70 per cent. crude, for the home trade, £100.

ARECA NUTS.—Spot supplies are available at 85s. per cwt.; shipment, 55s. c.i.f.

BALSAMS.—Peru is unchanged on 8s. 3d. per lb.; Canada, 13s. 6d. to 1 lb.; Tolu and Copaiba are unobtainable.

BELLADONNA.—Low-testing Indian root be obtained on spot at 2s. 3d. per lb. English herb at 4s. 6d. per lb.

BENZONIN.—A steady demand is being received for this item but no supplies are available.

BISMUTH.—Steady at 6s. 8d. per lb. minimum 5-cwt. lots of metal.

CAMPHOR.—Offers of refined are received from China but the price is very high would work out at around 14s. per lb. This compares unfavourably with that of the lots of synthetic that have been coming from the United States.

CANTHARIDES.—Chinese was recently from that source at 34s. per lb., f.o.b. (C. January 19, p. 94), and the price was thought to be excessive. Dealers now report offered the United States at 60s. per lb., f.o.b. York. It is considered in London that American interests are buying Chinese products that appear to be very high prices.

CARDAMOMS.—Scarce and very firm; 8 lb. has been paid for Aleppy seed with further sellers at that price; offers at 8 to 8s. 9d. are reported.

CASCARILLA.—In fair demand on spot; steady at 3s. 6d. per lb.

CHAULMOOGRA.—*Hydnocarpus* may be obtained on spot at 2s. per lb., in tins in case.

CHILLIES.—Quiet conditions obtain with prices at fully 150s. per cwt.

CINNAMON CHIPS.—In small supply on at 2s. 2d. per lb.

CLOVES.—Steady, with Zanzibar quoted spot at 1s. 8d. per lb., sellers; ship February—March, 9½d. per lb., c.i.f., by licence.

COCHINEAL.—Silvers are unchanged on spot at 5s. 9d. per lb.

COCOA BUTTER.—The maximum price under the official Order is 1s. 5d. per lb. factory or warehouse, but this price may be exceeded under licence.

COLOCYNTH.—Fair business continues in article. Good-quality pulp, spot, 2s. 6 to 2s. 9d. per lb.

DIGITALIS LEAVES.—Portuguese leaves have been had on spot at 140s. per cwt.; English leaves, 2s. 6d. per lb.

ERGOT.—In poor spot supply. Any remaining stocks of fair-quality would be valued at 7s. 9d. per lb.

GINGER.—West African, spot, 85s. per cwt.

GUM ACACIA.—No price change in Kordofan sorted at 72s. 6d. per cwt., spot; bleached spot, 145s.; Talha, cleaned, 42s. 6d.

HENBANE.—Indian leaf, on the spot, per cwt.; Egyptian (*muticus*), 85s.

JALAP.—Some 12 per cent. is offered at 3s. 4d. per lb. on spot.

KA. LA.—From 2s. 9d. to 3s. per lb. would be on spot for supplies of powder testing material, ash.

KAY GUM.—No. 1 Indian gum is quoted at 210s. per cwt.

FERN ROOT.—Spot supplies are stated to be exhausted.

HOL.—Spot price is now at 32s. to 35s. duty paid, for Brazilian; in bond, per lb.

MURRY.—Controlled by official Order of October 13, 1945, p. 388).

On Italian mercury, "The Metal Bulletin" (5) states that only slight war damage has been occasioned to Italy's second most mercury producer, Stabilimento Minerario S. whose offices are at Rome and the mines at Agnerio. Future production depends on supplies.

M. H.—Good-quality Aden sorts, spot, 18 per cwt.

EGGS.—Supplies are short but prices are checked. West Indian, 80's, 4s. per lb.; unassorted, 3s. 10½d.; wormy and 3s. 6d.

VOMICA.—Cochin, washed and garbled, quoted from source at 37s. 6d. to 40s. per cwt. Some Cocanada may be had on es. at 47s. 6d. per cwt.

PEPPER.—Whole, not picked over or cleaned, for processors, is officially priced at 1s. 4d. for white pepper and 1s. per lb. for black pepper.

P. NTO.—Quiet with spot sellers at 1s. 5d. per lb. ex store.

SE.—Inquiry continues but business small. Current prices are as follows:

IS O.—Turkish, spot, 2s. 8d. per lb.

OR PER.—English, spot, 125s. per cwt.

LE CUMIN.—Maltese, spot, 150s.; Indian,

veol, 80s. **FENNEL.**—Nothing available.

US D.—The Mustard Seed Order, 1945, places the Mustard Seed (Control and Maximum Prices) Order, 1942.

SE A.—The general position is inclined to be firmer, with a good inquiry for export. Egyptian hand-picked pods are nominal 4 per lb. Good manufacturing Alexandrian pods are quoted at 2s. per lb.; Tinnellyaves, No. 1, 10½d., No. 2, 8½d., No. 3, 1 per lb.

ST. THANTHUS SEED.—100 per cent. Kombe is exchanged on spot at 7s. per lb. Little is passing in this item.

TI ACANTH.—Select grades are scarce and priced at £160 per cwt. Medium grades are noted at follows: No. 1 white, £145 per No. 2, white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, dark amber, £35; brown leaf, £25; reddish-brown leaf, £20; red leaf, from £17; £12 to £15.

TI MERIC.—Sound-quality Madras finger may be obtained on spot at 120s. per cwt., forward shipment, unchanged at 120s. per cwt., c.i.f.

WAXES.—**BEES'.**—Dar-es-Salaam, February. March shipment, 295s. per cwt., c.i.f. **CARNAUBA.**—Fatty grey, spot, 700s.; March-April shipment, 620s., nominal, c.i.f.; chalky grey, spot, 700s.; March-April shipment, 610s., nominal, c.i.f.; prime yellow spot, 810s.; forward, 720s., c.i.f. **OURICURI.**—Spot, not available; forward, 500s., nominal, c.i.f. **CANDELILLA.**—Afloat, 425s., landed; forward, not quoted.

Essential and Expressed Oils

CASTOR.—Bulk supplies are officially quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—English-distilled bud oil continues to be quoted at from 12s. 6d. to 13s. per lb., according to quantity.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s; refined edible, £57; refined deodorised, £58, naked ex works.

ZANZIBAR CLOVES

THE report of the Clove Growers' Association of Zanzibar, for the quarter ended September 30, 1945, shows that supplies and exports were:—

SUPPLIES	EXPORTS
Zanzibar 123,027 lb. To all des-	
Pemba 796,201 lb. tinations, 5,197,150 lb.	
Of the total supplies 862,916 lb. passed through the central market and 56,312 lb. passed through the Association's depot. Destinations and quantities exported were:—	

DESTINATIONS	Bales	lb.
India	23,457	3,284,164
U.S.A.	7,924	1,109,400
United Kingdom ..	4,615	646,100
South and West Africa ..	783	109,600
South America	125	17,500
Portuguese East Africa ..	80	11,200
Australia	76	10,640
East Africa	35	4,904
New Zealand	21	2,940
Arabia	5	702

In terms of standard bales (140 lb. net) supplies were 6,566, exports 37,121; of the total exports the Association supplied 3,576,519 lb.

Stems and Oil.—Supplies of stems were negligible and the small quantity received was from the last harvest. It is unlikely the position will improve before the end of the year. The distillery absorbed 1,542,730 lb. stem and bud material and the exports during the quarter were on the high side at 218,635 lb. The quantity of stems purchased during the quarter was 315,473 lb.

TRADE MARKS

(From "The Trade Marks Journal,"
January 16)

Figure of a man, in circle, with sword in hand, poised for action; monogram of letters, J.C., beneath; for filters and filtering apparatus for laboratory use (9). By J. C. Carlson, Ltd., Weir Mill, Mossley, Lancs. 637,200 (Associated).

CONVERSION OF SPECIFICATIONS
Section 36 (3) and Rules 6 to 8
To Schedule IV

Specification No. 538,504 (with amalgamation), by T. Hedley & Co., Ltd., for laundry preparations, perfumes, toilet and cosmetic preparations, etc.

(From "The Trade Marks Journal,"
January 23)

"DENSITROL"; for photographic chemicals (1). By Diebold, Inc., c/o Marks & Clerk, 57-58 Lincoln's Inn Fields, London, W.C.2. 633,421.

"CRISTOBAL BALENCIAGA" (facsimile signature); for soaps, perfumery, toilet and cosmetic preparations, dentifrices (3). By C. Balenciaga, c/o Marks & Clerk, 57-58 Lincoln's Inn Fields, London, W.C.2. 632,897.

"ZOAM"; for shampoos (3). By Stewart, Goodall & Dunlop, Ltd., 80 Buchanan Street, Glasgow, C.1. 633,607.

"LUXORA"; for perfumery, toilet and cosmetic preparations, and hair lotions (3). By Coldwave, Ltd., 67-70 Ibex House, Minories, London, W.C.3. 635,500.

"SHIMERET"; for perfumery, toilet and cosmetic preparations, and hair lotions, etc. (3). By Brome & Schimmer, 4 Leather Market, London, S.E.1. B635,610.

"DENCLENZ"; for toilet preparations for cleaning dentures (3). By G. W. Scaddan, The Broadway Pharmacy, Didcot, Berks. B636,184.

"MACLEANS"; for dentifrices (3). By Macleans, Ltd., Great West Road, Brentford, Middlesex. 636,332 (Associated).

"CLOISTER"; for soaps, stain removing preparations, etc. (3). By Cross & Max (Agencies), Ltd., 17-18 Bishops Court, Old Bailey, London, E.C.4. 636,436.

"MEDO"; for insecticides, fungicides, bactericides, and parasitocides (5). By Pearson's Antiseptic Co., Ltd., 172 Buckingham Palace Road, London, S.W.1. B634,409 (Associated).

"CELUNOX"; for medicine for human use in the treatment of rheumatism (5). By Celunox, Ltd., 70 Commercial Street, Batley, Yorks. 634,569.

"PRIMOSETTE"; for sanitary towels and surgical dressings (5). By Esco (Rubber), Ltd., 80 Stamford Hill, London, N.16. 634,966.

"METRITAIN"; for pharmaceutical preparations and substances for use in the treatment of metritis and similar ailments (5). By Savory & Moore, Ltd., 61 Welbeck Street, London, W.1. B636,272.

COMING EVENTS

Tuesday, February 12

BIRMINGHAM BRANCH, CHEMICAL SOCIETY. Chemical lecture theatre, Birmingham University, at 4 p.m. Professor A. R. T. "Synthesis in the Study of Nucleotide

GLASGOW AND SOUTH-WESTERN SOCIETY, PHARMACEUTICAL SOCIETY, of Wales Halls, Sauchiehall Street. drive. Tickets 5s. 6d. each.

HARROW BRANCH, PHARMACEUTICAL SOCIETY. Baptist Church rooms, College Road, Harrow, at 7.15 p.m. Mr. R. H. Bombach, A.R.S., on "Recent Applications of Photogr

Wednesday, February 13

BIRMINGHAM PHARMACEUTICAL ASSOCIATION. Botanical Gardens, Edgbaston, 8 p.m.-Dance. Tickets 5s. each.

ROYAL SOCIETY OF ARTS, John Adam Adelphi, London, W.C.2, at 5.30 p.m. Professor G. I. Finch, F.R.S., on "The for Scientific Research into the Prevention and Extinction of Fires" (Fothergill lec

GLASGOW AND SOUTH-WESTERN SOCIETY, PHARMACEUTICAL SOCIETY, of the Institute of Accountants and Actuaries, 220 St. Vincent Street, Glasgow, at 7.30 p.m. Detective-Lieutenant George Maclean, on "Developments of Modern Police Scienc

Thursday, February 14

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN. 17 Bloomsbury Square, London, W.C.1. at 7 p.m. Dr. G. A. H. Buttle (Professor of Pharmacology, College of the Pharmaceutical Society) on "War Experiences in Therapeutics."

BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY. Visit to works of Roche Products Ltd., Welwyn Garden City (for Bedfordshire district members).

Friday, February 15

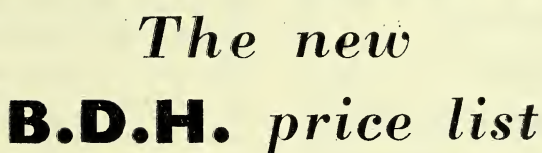
GLASGOW BRANCH, CHEMICAL SOCIETY, Lecture theatre, Glasgow University chemistry department, at 5.30 p.m. Dr. W. A. W. M.A., on "Some Recent Developments in the Chemistry of Free Radicals."

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY. Premises of Imperial Chemical Industries Ltd., Billingham-on-Tees, co. Durham. at 4 p.m. Dr. A. E. Vickers on "Photography Applied to Physico-chemical Research."

NOTTS AND DERBY SECTION, BRITISH ASSOCIATION OF CHEMISTS, School of Art, Green Lane, Derby, at 7 p.m. Dr. H. O'Neill on "The Relation of Atomic Energy to the Properties of Metals and Alloys."

Sunday, February 17

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble round Hayfield and Edale. London Road station, 8.15 a.m. Hayfield return. Carry lunch.



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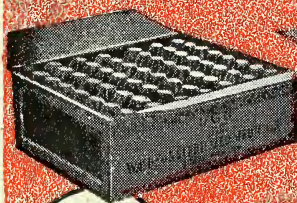


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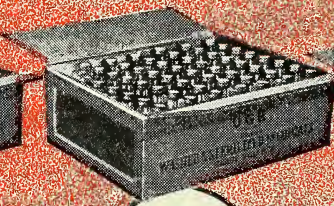


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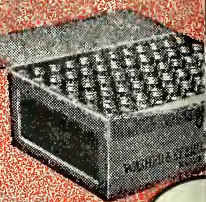
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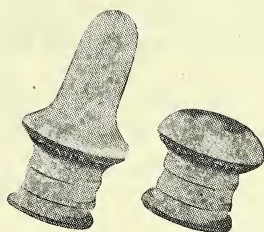


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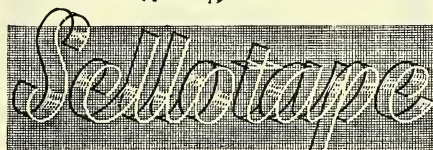
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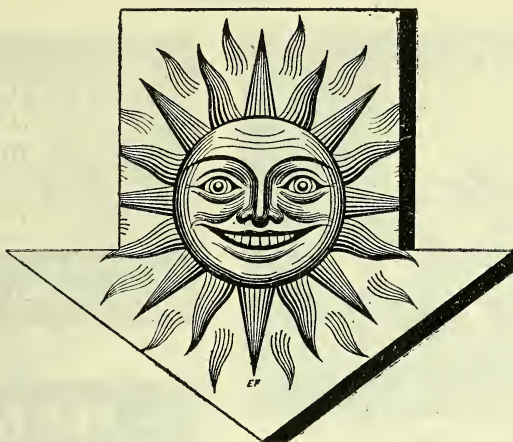
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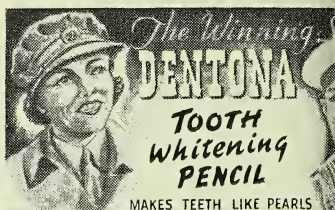
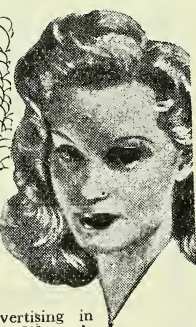
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FEBRUARY 9
1946

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filling restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send applications as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

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RETAIL (HOME)

TANT, unqualified, male or female, experience or otherwise wanted for dispensing and no duties; superannuation. Send particulars of experience and salary required to Co-operative Society, Cinderford, Glos.

IST-OPTICIAN (O.B.A.C.) required to take charge of business, at present carried on as Optician, to be converted to Pharmacy. Full particulars as to salary required, etc., to Goodall, 94 Burley Road, Leeds 3.

NSER required for Country Practice near Essex Coast. Write, giving full particulars, to C. & D. Office.

BOURNE, H. C. Browne requires a qualified assistant for high class business, also unqualified. State salaries required. 44 Cornfield Road, Epsom.

BOURNE, H. C. Browne requires a qualified assistant for high-class dispensing business, also unqualified. State salaries required. 44 Cornfield Road, Epsom.

RIENCED lady assistant required, full or part time, for busy main road business. Full particulars to S. A. Waters, 2 Westbury Parade, Hill, S.W.12. Battersea 6288.

CESTER, Qualified Branch Manager for small branch. Permanency and good salary for right man. Flat may be available in private. Send full particulars to Mr. R. Maxwell, Co-operative and Industrial Society, 100, Newmarket Road, Gloucester.

& KING, Folkestone, have the following vacancies: (1) Qualified assistant with sound dispensing experience; (2) Experienced assistant; Hall Certificate an advantage. Apply in person to 36 Grosvenor Gardens, N.14. Tel. 2566.

ELLS require several qualified men for West End branches; also lady toilet and assistants. Apply: Superintendent, Heppells Ltd., 70 Vauxhall Bridge Road, London.

AGER for Central London Pharmacy required. Excellent opportunity for commended Pharmacist. Option will be given to financial interest in business at a later date. Day duty. Enthusiasm of applicant as important as past experience. Reply to: 24 Ambleside, Beckenham, Kent.

AGER for branch shop, family-type Pharmacy, one assistant; old-established business. Day duty; no accommodation at present. Give full particulars and salary required, to Chemist, Crowborough.

ANDS, Manager, qualified, required shortly for a large well-known business. Applicants must be thirty years of age and have had good-class experience in a similar capacity. This is an exceptional opportunity for the right man, who will be given a good salary. A house may be available. Particulars in first letter, age, height, experience in disengaged. 951/498, C. & D. Office.

LADY Assistant Experienced for counter duties, North-West London. Apply Lewis & Burrows, Ltd., 146 Holborn, E.C.1.

NOTTINGHAM. Unqualified assistant (male) required for recently converted city pharmacy; good salesman and window dresser; must have drive and initiative; ex-service preferred, or those in early demobilisation groups may apply. Reply, stating full particulars, copies of recent testimonials, 940/466, C. & D. Office.

PHARMACIST, male or female, required for central pharmacy with view Branch Management; good salary and conditions of employment; no Sunday or half-day duty; superannuation scheme in operation. Apply, stating age, experience, to Superintendent Pharmacist, Lockhurst Lane Co-operative Society, Ltd., Holmsdale Rd., Coventry.

PLYMOUTH CO-OPERATIVE SOCIETY LTD. requires Pharmacist. Permanent; superannuation; good prospects; living accommodation if required. State age and experience with copy references to General Secretary, 50 Thorn Park, Plymouth, by February 13, 1946.

QUALIFIED man required to manage Pharmacy. Young preferred; permanency; good prospects. Particulars to Rees, Chemist, 117 Mile End Road, E.1. Phone: Stepney 3092.

QUALIFIED Branch Managers, permanent or temporary, required immediately for Wrexham district; also locums for holiday relief from May to October. Please apply with full particulars to L. Rowland & Co., Ltd., Chemists, Brook Street, Wrexham, N. Wales.

QUALIFIED Manager for good-class dispensing and retail business. North London. Full details to "M.B.", c/o The British Drug Houses Ltd., Graham Street, N.1.

ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LTD., invite applications from Qualified Pharmacists for the position of Manager; Unqualified Assistants also required; good prospects and holidays with pay. Apply in writing, stating age, experience and salary required, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

SELFRIDGES, LTD. require an Assistant Buyer for the Drugs Dept.; the appointment carries a good salary for an energetic and fully qualified young man. Also an Unqualified Dispensing Assistant (male or female) required with good practical experience; no week-end duties. Apply Staff Manager, 400 Oxford Street, W.1.

SOUTHPORT: Qualified Lady required immediately for well staffed attractive Pharmacy in pleasant locality. Good salary and hours. Apply 951/520, C. & D. Office.

SOUTHPORT. Unqualified Assistant required immediately for well staffed attractive Pharmacy in pleasant locality. Good salary and hours. Apply 951/519, C. & D. Office.

SHEFFIELD.—Manager for West End Branch. Pleasant shop, easy to work, doing about 500 prescriptions per month. Give all relevant particulars in first instance.—J. Preston Ltd., 208 West St., Sheffield.

UNQUALIFIED Assistant for seaside branch. Must be good dispenser. Permanency. Kirkman, New Milton, Hants.

UNQUALIFIED Assistant required immediately for medium-class business; congenial situation with permanency for suitable applicant; no extra duties. State age, experience, salary required in first letter to Jones, Chemist, 155 Church Road, Northolt, Middx. Tel. Waxlow 1817.

UNQUALIFIED dispenser required Medical Practice S.E. London, near City. Good board provided if required. Ex-service man or woman with clerical experience could be trained in dispensing. Apply 951/501, C. & D. Office.

WANTED Immediately. Qualified dispenser for good class family and dispensing business in South Devon. Good salary offered. No Sunday or half-day duties. Reply to 951/502, C. & D. Office.

WANTED Immediately. Qualified Lady or Gentleman Assistant (or locum). No Sunday or holiday duty other capable assistants kept. Please give usual particulars and salary required. Finch, Chemist, 12 St. Helens Street, Ipswich.

YOUNG Lady, Some Experience Developing and Printing. Central London. Apply 949/249, C. & D. Office.

LOCUMS WANTED

LOCUM Pharmacist take charge holiday period required London Area. May to September inclusive. Apply 949/430, C. & D. Office.

WHOLESALE

ACTON.—Assistant Pharmacist required by Manufacturing Chemists to take control of DDA and Drug Packing. Excellent prospects for keen enthusiast and disciplinarian. Good salary, no Saturdays. McClure, Young & Co., Ltd., 159 Bollo Bridge Road, S. Acton, W.3.

AGENTS required throughout the country for first-class products for which extensive advertising through the trade is beginning. 950/475, C. & D. Office.

LADY pharmacist is required for the Manchester Branch Office of a British firm of manufacturing chemists. Applicants should have a good up-to-date knowledge of modern therapeutics, but would undergo preliminary training for a period of a few months at the firm's head office near London. Chief duties involved would be the handling of correspondence and inquiries received from medical and pharmaceutical professions, and maintaining a reference library. Reply, stating age, experience, qualifications, salary, etc., to Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

ANALYTICAL Chemist required by London Manufacturing Chemists. Practical works experience of general routine analysis and alkaloidal assays of drugs, including Opium, essential. 5-day week. Reply, giving particulars of experience, salary, etc., to 946/357, C. & D. Office.

ANALYTICAL Chemist required by well-known house of manufacturing chemists in N.W. London area, preferably with previous experience of chemical and spectroscopic assays of Vitamin-containing oils and food-stuffs. Box 1434. Scotts, 9 Arundel Street, Strand, W.C.2.

ANALYTICAL Chemist required, previous work experience in drug and galenical assay essential. Please give full particulars of age, experience and salary, to Pharmacy Superintendent, Timothy Whites & Battersby Ltd., Burley Hill, Leeds, 4.

BUYER, Druggists' Sundries required. Only those with actual experience in well-established houses should apply with fullest details to Managing Director, Hirst, Brooke & Hirst Ltd., Sheepscar Works, Leeds, 7.

CHEMICAL Manufacturers require additional representative staff for the North of England. Duties involve the contacting of medical practitioners, hospital pharmacists, wholesale and retail pharmacists. A pharmaceutical qualification is essential, and experience in a hospital dispensary would be an advantage. Age 28-35. Permanent pensionable positions. Apply in writing to Personnel Officer, May & Baker Ltd., Dagenham, Essex.

CHEMIST (B. Pharm. or equivalent) required as a leading Pharmaceutical House to take over their laboratories situated near London. Experience in laboratory control of Pharmaceutical in preparation of ethical products is essential. Post offers good prospects for a chemist qualified and experienced. Replies in confidence to Managing Director, 949/458, C. & D. Office.

COSMETIC Company requires widely experienced Chemist. Applicants must be capable of managing and supervising complete factory laboratory controlling buying, big scale production personnel. Experience of modern costing advantageous. Experience in general sales foregoing essential. This post carries with it authority and control—is an exceptional one with firm prospects of eventual Directorship. No application considered unless supported by fullest details of all past experience and salary required. Managing Director, C. & D. Office.

ENERGETIC young man with pleasant personality wanted as Medical Representative for a large Pharmaceutical Company in London area. Some knowledge of drugs sufficient. Training given. Excellent prospects for hard-working man. State experience and salary required. 949/444, C. & D. Office.

ENERGETIC Representatives required for a large Pharmaceutical Company in London. Preference will be given to representatives with first-class connections among chemists in their territory who are in a position to carry two very popular lines upon a liberal commission basis. Over £1,000 p.a. available for representatives. Write, giving full particulars of past experience, post, age, whether car-owner, etc., to C. & D. Office.

ETHICAL COMPANY, Manufacturing Pharmaceutical Specialities in London, invite applications from English gentlemen for the post of Sales Manager. Thorough knowledge of Home and Export Trade, purchase tax, etc. Full particulars to 951/514, C. & D. Office.

EXPERIENCED tablet maker and coater required for Manufacturing Chemists, Bridge Road, London. Good salary and prospects. Stating age and experience to 950/476, C. & D. Office.

EXPORT Clerk experienced or semi-experienced required by Manufacturing Pharmaceutical Chemists. Brook, Parker & Co., Ltd., Bradford. Full particulars to 950/473, C. & D. Office.

FACTORY Manager—Pharmaceutical manufacturing and packing. A factory manager, with technical or pharmaceutical qualifications required for a large factory in the London area. Experience and proved capacity are essential. 35-40. The post carries a substantial salary liberal superannuation under a contributory scheme. Full particulars in training and experience will be treated as strictly confidential. Accompany the application. 950/473, C. & D. Office.

FIRST-CLASS Chemist experienced in manufacturing modern Beauty and Pharmaceutical preparations required by new concern with financial backing. Apply with fullest details of experience (in strict confidence) to 949/445, C. & D. Office.

JULES Lang, 7 Charlton Place, Isling, have vacancy for clerk having full knowledge of Perfumery and Medical Bottle trade.

LIBRARIAN required for Research Laboratory. Previous medical and pharmaceutical experience advantage. Full particulars and salary required to Crookes Laboratories, Gorse Rd., Park Royal, N.W.

MANUFACTURING Chemists in N.W. London require a Chemist for Analytical control to supervise production of Pharmaceutical preparations. Permanent and progressive opportunity for a man of ability and initiative. Write stating experience and salary required. 949/432, C. & D. Office.

MANUFACTURERS of Plastic Moulding require reliable salesmen to represent the company on a commission basis in all parts of the British Isles. Write 950/491, C. & D. Office.

established London Manufacturing Chemists experienced ethical representative to stores, Consultants and Hospitals. Write for details of age, education, experience and salary. 950/479, C. & D. Office.

Worker for tablet department in leading London Drug House. Good experience in all essential. 950/482, C. & D. Office.

Qualified Chemist (M.P.S.) required to take charge of Wet Counter. Apply, Lofthouse & Ltd., Manufacturing Chemists, Hopwood Hill.

Representatives wanted on commission basis calling on Chemists throughout the U.K. state territory covered. 951/497, C. & D.

Representatives with good connexions retail chemists, Birmingham and Manchester required to sell high class infant, invalid and goods. Commission and expenses. 951/504, C. & D. Office.

Representative required by firm of wholesale Chemist's sundries for Northern Commission and part travelling expenses. 951/504, C. & D. Office.

Representatives required for various territories throughout the country by Manufacturers of pharmaceutical preparations regularly advertised in Medical and National Press. Applications invited from men of stability and initiative with established connections amongst retail and chemists. Salary, commission and expenses. 951/504, C. & D. Office.

Qualified M.P.S. or B.Pharm. to take charge of manufacture of pharmaceutical products under direction of Chief Chemist, by well-known firm. Responsible, progressive post. Write for details of age, education, experience and salary. 951/504, C. & D. Office.

Chemist required for Laboratories of well-known firm manufacturing pharmaceuticals. Permanent progressive and interesting position. Write giving full particulars, salary, commission and expenses. 950/462, C. & D. Office.

Assistant Chemist required by Manufacturing Chemists in S.W. Lancs. Work consists of pharmaceutical analysis, experimental formulation and development of products. Suitable for a keen man with personality and qualifications. Give full details, including references. 951/511, C. & D. Office.

Chemist required for Manufacturing Chemists N.W. London; previous experience in all pharmaceuticals essential. Write full particulars, age, salary, etc. 949/433, C. & D. Office.

Chemist required for Office near London. Experience in Drug Trade an advantage. Write full particulars. Please state age, experience and salary. 949/431, C. & D. Office.

Instrument maker. Intelligent youth wanted in trade and make himself generally useful. Salary paid. Apply Edwards, 100 Strand, W.C.2.

Coater required by Midland Manufacturing Chemist. Write stating age and experience. 632/749, C. & D. Office.

Messenger required for London Drug House. Write for suitable man. Write with experience, age and salary. 950/481, C. & D. Office.

Messenger required for London Drug House. Write for suitable man. Write with experience, age and salary. 947/366, C. & D.

Making. Assistant required with some knowledge of drug trade to train as Granulator. Write with details of experience, and age, and salary. 951/504, C. & D. Office.

Chemist required by Wholesale Druggists. Short-term advantage. Apply Gale, Baiss & Co., Alderton Road, S.E.15.

TRAVELLER calling chemists and stores, commission basis; Toys and games, Stationery and fancy goods, Cosmetics and perfumes, Jewellery, etc. Apply in writing stating ground covered in United Kingdom; also traveller calling Shipping houses. K.M.K. Products, 10 Princes Street, Cavendish Square, W.1.

UNQUALIFIED Energetic Man for Wholesale Department of London Chemist. Eventually full charge. Apply giving full details of previous experience to "A", 949/446, C. & D. Office.

WANTED Chemist with ideas for new lines; capable of supervising production. Partnership may be considered with right man. Apply in confidence, 947/377, C. & D. Office.

WANTED Chemist, preferably Lady, thoroughly experienced in formulation and manufacture of cosmetics by well-known manufacturers preparing to introduce new lines. Permanent progressive and interesting post, London Area. Write giving full particulars, age, qualifications, experience, posts held and salary required. 950/461, C. & D. Office.

WANTED keen Representatives for London and other parts of the country, to sell Gelatines in bulk. Must have established connexions amongst Chemists. Terms by arrangement. Apply with full particulars to 950/469, C. & D. Office.

WHOLESALE Manufacturing Chemists (North-East) require young active assistant, some knowledge of wholesale and manufacturing necessary, but qualification not essential. Apply with copies of references and stating salary required to 951/512, C. & D. Office.

WOMAN Charge Hand required for small department packing Medicinal preparations, etc. State age, experience and wages required. 950/474, C. & D. Office.

YOUNG Pharmacist required by Manufacturing Chemists in Central London, with up-to-date knowledge of preparation of Sterile Solutions, to take charge of department. Some knowledge of Galenical Manufacture an advantage. 950/478, C. & D. Office.

WHOLESALE (OVERSEAS)

APPLICATIONS are invited by British firm of Eastern Merchants holding agencies for well-known ethical and proprietary preparations for pharmacists with sales experience (preferably wholesale or as manufacturers' representatives) for good position in one of their Eastern Branches. Applicants should give particulars of education and previous experience and salary required. Apply 951/515, C. & D. Office.

APPLICATIONS are invited for the position of Research Chemist for South Africa. Fullst possible knowledge of Alcohol production and the development of its by-products essential. Applications, which will be treated in the strictest confidence, should state age, qualifications and fullest details of experience to 951/517, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

DISPENSER (Lady), 25 years' experience, desires position with doctor or chemist. 13 Ridge Hill, London, N.W.11.

INDIAN Student, without previous experience, wishes to enter apprenticeship, in Metropolitan area. Replies to: Johnson & Clapham (Export) Ltd., 54 St. Mary Axe, E.C.3.

MAIDSTONE—Margate District. Qualified Lady used to single-handed management. Excellent experience and references. Or would purchase small high-class Pharmacy. 951/518, C. & D. Office.

UNQUALIFIED, age 35, married, requires position, permanent or temporary, seaside town preferred with accommodation if possible. 949/459, C. & D. Office.

UNQUALIFIED (29), married, now on release leave, excellent references; North preferred. Please state salary. 950/467, C. & D. Office.

LOCUMS SEEKING ENGAGEMENT

LADY Dispenser (Apoth.) requires locum work at once in or near London. Highly experienced, testimonials highest integrity. Pinck. Bays. 7302.

MP.S. (30), single, recently demobilised, seeks locum positions, any period, southern counties preferred. Free now. Weaver, "Bryony," King's Road, Fleet, Hants.

UNQUALIFIED. Experienced Senior Assistant. Few hours daily useful help given. Dispensing "Good Panel" and general routine. Waiting rebuilding. Gibson, 31 Stansfield Road, Stockwell, S.W.9.

WHOLESALE

ADVERTISER. 49, unqualified, desires responsible position. 26 years' experience, manufacturing plant, stocks, staff control. Knowledge of tablets and machines. 951/505, C. & D. Office.

ANOTHER one or two lines wanted for distribution to chemists, stores, co-ops, etc. by agent who has covered Dorset, Wilts, Somerset, Devon, Cornwall, Gloucestershire and Hants for 20 years. Two lines carried at present. Only first-class product and sole agency considered. 950/471, C. & D. Office.

CHEMIST B.Sc. (1945) desires position with manufacturing firm (preferably cosmetics). 950/494, C. & D. Office.

COSMETICS and Perfumery, etc. Miss L. E. Sargent—20 years' experience with Coty (England) Ltd.—seeks re-engagement either as Buyer or Organiser of Sales and Advertising. Reply 189 Gunnersbury Park, Ealing, London, W.5.

EXPERIENCED representative in Eire, first-class country-wide connexion, open for engagement with house of repute. Consider one or two sale agencies. 950/470, C. & D. Office.

GENTLEMAN seeks position as representative; age 32 years, six feet tall and of good appearance; well known to chemists S.E. London, Kent and Sussex; good car driver. Tel. Ful. 0751.

HOME and Eastern Counties. A first-class connexion, both retail and wholesale, is available for manufacturers or distributors of good standing who require reliable representation and solid results. Advertiser has own car, office, and can show adequate references and sales record. 951/503, C. & D. Office.

LANCASHIRE and Cheshire. Sole Agency required for additional product of superior quality only. Extensive connexion chemists, co-ops., stores, grocers. Regular coverage. Commission only; car owner. 950/468, C. & D. Office.

PH.C. (30), single, ex-warrant officer R.A.M.C., desires post with wholesale or manufacturing firm. Experienced retail, army hospital and large medical stores. Administrative and organising experience. Sound knowledge therapeutics. Free now. 951/500, C. & D. Office.

REPRESENTATIVE, calling on Wholesale and Retail Chemists in North Eastern Counties and Scotland, requires additional line, commission basis. Write 951/510; C. & D. Office.

REPRESENTATIVE, 12 years' experience of Drug and Toilet Trade, requires lines. Sole Agency. Live connexion Midlands and South-west. 951/509, C. & D. Office.

UNQUALIFIED, 35 years, married, retail experience only, requires progressive position wholesale trade inside or outside (reference). 949/460, C. & D. Office.

PREMISES TO LET

TO LET. Lock-up Shop and back room, just de-requisitioned, closed 3 years, successful chemist's business for previous 30 years; fitted with counter, mahogany drug run and drawers, some shop bottles; wall cases all round shop, also mahogany and mirror window back. Medicated wine license still in force; main road, opposite 3 doctors and dentist. Michelson, 149 Westoc Road, South Shields.

APPOINTMENTS

AN Editor is required for an established *Trade Journal* covering the Drug, Chemical and Associated Industries. Applicants have a thorough knowledge of the export of the industries and be sufficiently experienced in journalism to edit the *Journal* with the aim of promoting British trade in Export Markets. Position offers an excellent opportunity for those with modern ideas on make-up and the production of a first-class and attractive publication. Applications will be treated confidentially. Full particulars of previous experience, age and other details to CDB/429, C. & D. Office.

GUY'S HOSPITAL MEDICAL SCHOOL

LONDON, S.E.1.

Applications are invited for the post of Laboratory Technician in the Physics Department salary according to age and experience. A contributory pension under the Federated Staff Pension Scheme for Nurses and Hospital Officers. Duties to include maintenance and construction of apparatus under the direction of the Senior Technician. Ex-service preferred. Applications accompanied by recent testimonials, to be sent to the Director of the Medical School.

CITY OF NOTTINGHAM

HEALTH & SOCIAL WELFARE COMMITTEE

DISPENSER

Applications are invited for the appointment of ASSISTANT FEMALE DISPENSER (Apocaries' Hall qualification) for duties at the Hospital and Out-relief Dispensaries, as required.

Salary at the rate of £220, rising by annual increments of £10 to £270 (inclusive of bonus).

Knowledge of shorthand and typing an advantage but not essential.

Applications to be made to the Chief Pharmacist, City Hospital, Hucknall Road, Nottingham.

January 1946.

PHARMACIST. Botleys Park Colony, Chertsey, Surrey. Applications are invited from qualified women for above position. The Colony for mental defectives. The dispensary is at present merged into the larger one serving the War Emergency Hospital and the successful candidate will be required to work under the Chief Pharmacist and to be generally, until such time as the two dispensaries are separated.

Commencing salary, according to age and experience, on scale £250 × 10 — £300 annum, plus war bonus, at present 18s. 6d. week.

Apply to Medical Superintendent.

SURREY COUNTY COUNCIL

ST. LUKE'S HOSPITAL, GUILDFORD

ASST. PHARMACIST, Temp., must be M. or Ph.C., salary £250 × £10 — £300 p.a. bonus 23s. p.w. male, 18s. 6d. p.w. female. Apply to Medical Superintendent.

WILLESDEN GENERAL HOSPITAL

HARLESDEN ROAD, LONDON, N.W.10.

APPLICATIONS are invited for the post of Assistant Pharmacist (lady). Salary £100 per annum, with lunch and tea, superannuation and uniform. Apply, with full particulars and references, to General Secretary.

BUSINESS OPPORTUNITIES

For 40 words or less, 2d. for every additional word.

ADVERTISER DESIRES CONTACT manufacturers of goods suitable for Sundriesman, as wholesaler and distributor. Good quality jars, cosmetics and toilet requisites, tooth-pastes, etc. Write to 950/489, C. & D. Office.

US pack for you all kinds of Liquids, Powders, Tablets; give us bulk, we give you the finished product; also may be able to help packing difficulties; jars, etc. 943/233, C. & D. Office.

UFACTURING Chemists wanted able undertake manufacture of established granulated pharmaceutical preparation to meet additional demand in excess of present maximum output, approximately 10 cwt. Ingredients would be supplied by arrangement. 951/495, C. & D. Office.

ESTABLISHED Specialists in the manufacture of Proprietary Products offer a complete service covering manufacturing, tableting, and despatches of proprietary and other products. Please give brief details of requirements in confidence. Box 700, Hannaford & Co. Ltd., 69 Fleet Street, London, E.C.4.

TICS. Well established wholesalers and distributors to Chemists, Hairdressers, Stores, etc. to contact actual manufacturers of plastic products. Complete coverage of U.K.; also agents for 950/492, C. & D. Office.

ATE Company with large financial resources, national sales organisation and wide manufacturing facilities, including two large factories, enquires from firms, with progressive ideas, for light pharmaceutical, toilet and cosmetic products whose development is retarded through lack of the facilities mentioned with view to co-operation, whilst retaining fully own Capital and Managerial control. Write to Director, 950/486, C. & D. Office.

small Manufacturers. Full distribution of our products, on a commission basis, is offered to manufacturers who have no full selling organisation; all retail trades covered. 944/281, C. & D. Office.

AGENCIES

For 36 words or less, 2d. for every additional word.

PIDLY expanding firm of London manufacturing chemists wish to hear from distributing agents and representatives calling on multiple wholesale chemists and grocers. Applicants must have established connexions and need only if they are capable of producing good results in steady demand. Full particulars and of area covered to 951/506, C. & D. Office.

TIONAL Lines wanted. A firm of agents covering many parts of Great Britain would be interested in offers of additional lines for sale to S. Co-ops, Hairdressers, Grocers, Toy Dealers, and all wholesale. Full-time representation by travellers covered by fidelity bonds. 950/492, C. & D. Office.

RTISER Ex-officer resident in South Africa interested in securing profitable agencies in South Africa and Rhodesia. Has live connexions with mining and commercial circles. Write for complete information to T. Zadkin, M.Sc., for South African Agencies, 62 Braemar Court, Hill Street, Hill Brow, Johannesburg, South Africa.

LN Wholesale Chemists seeks Agency for Combs, Brushes and other Chemists' Sundries in English Manufacturing House. 948/396, C. & D. Office.

RTANT firm, with nation-wide sales organisation, calling grocers, chemists, ironmongers, etc., both wholesale and retail, prepared to supply with another Manufacturer to market their Agency or Sole Distributor terms, alternatively under Advertiser's proprietary brand. Quality goods with prospects of development considered. 949/437, C. & D. Office.

LANCOS., Ches., Yorks. One or two additional lines required in this area. 944/280, C. & D. Office.

NORTHERN IRELAND'S leading agent for Toilets and Sundries with large connexions amongst chemists, seeks quantities of goods from Manufacturers. Also interested in other lines suitable for Chemists. Send prices and samples to Marshall & Co., 46-48 Donegal Street, Belfast.

SANGENE Products Ltd., are re-organising their selling force and seek first-class representatives with good connexions with Chemists, Grocers and Sundriesmen, etc., in all areas (fidelity bond). Expenses and Commission. Write, giving particulars, to Monument Buildings, opposite Monument Station, E.C.2.

THE representation of well-established manufacturers desired for Eastern Counties and/or Midlands. Advertiser has long-standing connexion with all retail and wholesale Chemists, Stores, Co-operative Societies, etc. Well equipped office and showrooms available. Turnover guaranteed for suitable products. 951/507, C. & D. Office.

WELL-KNOWN firm of distributors are in a position to accept two further products for distribution to the Pharmaceutical Trade. Complete distribution can be obtained with Chemists. The Company also has its own manufacturing and distributing companies abroad. Write in the first instance to 948/402, C. & D. Office.

WELL-KNOWN Scottish Agents, with office and showrooms situated in centre of Glasgow, seeks to contact Manufacturers of Reputable Branded Lines, with a view to representation as Sole Agents on a Commission Basis. Our Selling Staff cover the whole of Scotland at Regular Intervals. Write 951/503, C. & D. Office.

YOUNG Man with valuable and established connexion with Drug Trade in E. Anglia requires Agencies, or Post as Representative. 951/513, C. & D. Office.

TRADE MARKS

THE Trade Mark ESSOGEN, registered under Nos. 477726-27 in respect of vitamin concentrates for use in medicine and pharmacy, and substances used as food or as ingredients in food; and the Trade Mark ADVITA, registered under Nos. 478190-91 in respect of chemical substances prepared for use in medicine and pharmacy, and substances used as food or as ingredients in food but not including biscuits, bread, cereal foods and similar goods, were assigned on the 1st January 1946 by Lever Brothers, Port Sunlight, Limited, of Port Sunlight, Cheshire, to Advita Limited, of 2 Kingscote Street, Tudor Street, London, E.C.4, without the goodwill of the business in which they were then in use.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less.

FOR SALE. 3 Conveyor Tables, 21' long (4 H.P.), 30' long (4 H.P.), 31' long (4 H.P.). All 2' 6" high by 2' 6" wide. Belt 6". Bench 12". 3-phase motors with separate gears. Can be viewed. Best offer accepted. 950/484, C. & D. Office.

FOR SALE. A well-made Mahogany and Plate Glass Showcase. Length 6', Height 3'. Very fair condition. Also some carboys. 3 Queen Caroline Street, Hammersmith. Riverside 1266.

SANITARY Towels (Wool), size 2, branded; retail 2s.; 18s. doz. carr. paid; 20 gross. 950/465, C. & D. Office.

SURPLUS stock in original container, 14 lbs. Oil of Eucalyptus Concentrated, possessing a very fine flavour and twice as strong as ordinary Oil of Eucalyptus. Purchased from Messrs. M. Agusti Hidalgo (London) Ltd. at 18s. per lb. What offers to clear? 950/480, C. & D. Office.

2 AND 3 gallon Earthenware Jars for sale. Gunn, Whitepost, London Road, Rayleigh, Essex. Phone Rayleigh 87.

EXPORT TRADE

AGENCY or Distributorship in India of products saleable through Chemists and Druggists, desired by United Medical Stores, Ltd., 16 Bonfield Lane, Calcutta. Telegraphic address: "Unimedisto," Bankers, Mercantile Bank of India, Ltd. References from May & Baker, Ltd., Dagenham, London; Burgoyne Burbidges, Co., Ltd., Eastham, London; Dakin Bros., Ltd., 44-50 Southwark St., London, S.E.1.

ARGENTINE—Pharmaceutical and industrial chemicals, drugs, essential oils, raw materials—Well-established firm wishes to represent on commission basis British Manufacturers or producers; bank and trade references. Offers to S. Cusmano, Humaita 6918—Buenos Aires.

BUSINESS WITH BELGIUM. Well-known Pharmaceutical representative firm, established in Brussels, owners graduate chemist and chemical engineer, seeks to represent first-class British Pharmaceutical Manufacturers for Belgium. Write to F. Delacre, 200 Franklin Roosevelt Avenue, Brussels.

BELGIAN Representative in Brussels seeks to represent British Manufacturers of medicinal chemicals, organotherapeutics, and all articles for laboratories. First-class connexions and experience. Fnd. Dumontier, 114 Fierlant str. Brussels 1.

EXPORT TRADE. Qualified Chemist, sound business experience, wishing to arrange early move to South Africa, offers services in suitable capacity to firm of repute, with a view to promoting export business. 951/496, C. & D. Office.

EXPORTS TO SWITZERLAND. British manufacturers and exporters of chemical, pharmaceutical and metallurgical products are requested to get in contact with a Swiss importing firm of wide experience and good relations to other countries on the Continent. Representative will be in London during February and March. Dr. Max Kappeler, 3 Grosvenor Square, London, W.1. Telephone Mayfair 6751. Apeco, Zurich.

INDIA. Leading Manufacturer's Representative (established 1926), having had extensive pre-war Continental connexions and sound All-India distribution, is desirous of contacting British Manufacturers of Proprietarys, Toiletries, Beauty Products and Allied general articles. References, Barclays Bank, Ltd., 168 Fenchurch Street, London, E.C.3. Correspondence invited. Write R. B. Shewaram Dewanmal & Co., 1 Britto Road, Karachi 5, India.

PALESTINE. Well-established Wholesale Drug Store (owned by leading Chemists) seeks connexions with first-class Manufacturers of Pharmaceutical and Cosmological Products. Sole Agency or Distributorship considered. Write: The United Chemists Limited, 55 Jaffa Road, Haifa.

THE Near East Drug Store, the only drug store in Transjordan, seeks agency for chemical, pharmaceutical and allied products for Palestine and Transjordan. Write, with full details, price lists, etc., to: Fahmi Nahhas, Pharmacy, Ramle, Palestine.

WELL-KNOWN and introduced Swedish importers desire to obtain Agency, or would import goods of the following lines: Perfumery, Cosmetics, Hairdresser's Sundries, Plastic Goods; bank references: Skanska Banken Malmo, Parfumerie Gust Wulff A.B. (Leverantur De S.M., Le Roi De Suede), Malmo, Sweden, Postbox 4717.

WELL-KNOWN import and agency firm in the toilet goods and pharmaceutical trade desires contact with exporters. We are interested in all kinds of chemicals, drugs, cosmetics and plastic products. First-class bank references available. Please reply to Messrs. C. G. Livijn, Stora Nygatan, 5 Stockholm, Sweden.

WANTED

7/6 for 36 words or less, 2d. for every additional

FILTER Press required for filtering purposes. Must be in good order and condition. Chemical Co., 1 Brixton Road, London, S.

GALANGAL Root and Gentian Root (b powder) wanted. State quantity available price per lb. or cwt. 950/488, C. & D. Office.

MICROSCOPES. We do not pay high price for old junk, but for fine modern apparatuses are the best in the trade. If you dependable overhauled microscope, consult a criticism in ten years, and that speedily re- that is our record! Wallace Heaton, Ltd. 7511, ask for Mr. Cole, 127 New Bond London, W.1.

REQUIRED immediately, 3-ounce bottles, corks, or with metal or bakelite screw clear, amber or blue glass, and in round, rectangular shape. Any quantity accepted price and quantity available, with sample to & Co., Ltd., Mount Pleasant, Alpertown, Middlesex.

SULPHONATED Fatty Alcohol Powder in ton lots immediately. 946/342, C. Office.

THERMOSTATIC controlled Hot Air Oven 12" x 12" x 12", 230 Volts A.C. in good condition. 951/516, C. & D. Office.

WANTED 4-oz. Medical Flats or Bow Bottles, amber or white flint, 100 or 1,000 gross; will collect and pay promptly 942/212, C. & D. Office.

WANTED. 1-oz. bottles, small or large quantities. Machine made. Highest cash paid. 947/385, C. & D. Office.

BUSINESSES FOR DISPOSAL

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RETAIL Shop under female qualified manager capable of considerable increase, but Croydon, no opposition; turnover nearly gross Profit 30%. Rent £60 per year, rate Lease, good N.H.I. Stock £500. Price all well recommended. 950/485, C. & D. Office.

SEMI-RETIREMENT. If you want to sell there's a country house and business at a reasonable figure. Vacant possession complete. Unopposed. Well-water with indoor chemical sanitation and electricity. Comfortable. Bracing air, within easy reach Coast. Comfortable living for pharmacist- who is country minded. 951/499, C. & D. Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional

DRUG STORE required with small living accommodation. Preference South-east or anywhere South-east England considered. London. Immediate cash up to £2,000, treated strictly confidentially. 948/395, C. Office.

NORTHERN IRELAND. Ex-service Pharmacist interested in good middle class family business for succession Autumn. Turnover approx. Belfast or Town convenient. Accommodation possible. Hope some older Pharmacist will give a chance. Details in strict confidence to C. & D. Office.

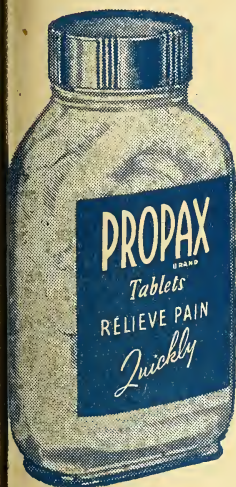
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PARTNERSHIP required; £250; capital employment, to work in own residence; strict; money under own control and at all fully secured; weekly drawings. For particulars, apply: 950/477, C. & D. Office.

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